2024
ANNUAL MONITORING REPORT

TNM 97-17

NW ¼, SW ¼ SECTION 21, TOWNSHIP 20 SOUTH RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS MARKETING SRS NUMBER: TNM 97-17
NMOCD REFERENCE AP-017
INCIDENT # nAPP2109542960

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET SUITE 1600
HOUSTON, TEXAS 77022

PREPARED BY:

TRC Environmental Corporation
10 Desta Drive, Suite 410E
Midland, Texas 79705

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Hannah Gloden
Assistant Project Manager

John Fergerson, P.G.
Senior Project Manager

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INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), TRC Environmental Corporation (TRC) is pleased to submit this 2024 Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by TRC, previously NOVA Safety and Environmental (NOVA). The TNM 97-17 Pipe Line Release Site, formally the responsibility of Enron Oil Trading and Transportation (EOTT), is the responsibility of Plains. The Release Notification and Corrective Action (Form C-141) is provided as Appendix B. This report is intended to be viewed as a complete document with figures, attachments, tables, and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2024. For reference, the Site Location Map is provided as Figure 1. A map depicting site details and well locations is provided for reference as Figure 2.

Groundwater monitoring was conducted during all four (4) quarters of 2024 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled as per a NMOCD directive, with the exception of monitor wells selected as part of monitored natural attenuation (MNA) sampling activities.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the Site is NW1/4 SW1/4, Section 21, Township 20 South, Range 37 East, in Lea County, New Mexico. The TNM 97-17 Release was discovered by Texas New Mexico Pipe Line Company (TNMPL) and reported on August 19, 1997. An estimated one-hundred seventy (170) barrels of crude oil were released with one-hundred sixty (160) barrels recovered. The Release occurred from a sixteen (16)-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Following completion of repairs to the pipeline, approximately 1,160 cubic yards (cy) of impacted soil was excavated and stockpiled on-site pending treatment. The groundwater at the Site ranges from approximately nineteen (19) to twenty-four (24) feet below ground surface (bgs).

During the 3rd quarter of 2012, groundwater monitoring activities were not conducted due to ongoing site excavation activities. The excavation was backfilled in October 2012, with remediated soil exhibiting benzene, toluene, ethylbenzene, and xylene (BTEX) and Total Petroleum Hydrocarbons (TPH) concentrations less than the NMOCD regulatory guidelines. A soil closure report was submitted to the NMOCD during the 2nd quarter of 2013.

On June 13, 2013, Plains received NMOCD approval to plug and abandon monitor well MW-9 and recovery well RW-2. On February 4, 2014, monitor well MW-9 and recovery well RW-2 were plugged and abandoned by a New Mexico licensed driller.

Currently, a total of twenty-five (25) groundwater monitor wells (MW-1 through MW-8, MW-10 through MW-21, MW-23, and MW-25 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) are on-site. A pneumatic product recovery system formerly operated on-site, which

incorporated recovery well RW-6 and monitor wells MW-8, MW-14, and MW-15. The automated recovery system was decommissioned in the summer of 2007 due to declining PSH thickness. Currently, manual PSH recovery is performed on a monthly basis from monitor and recovery wells exhibiting PSH.

FIELD ACTIVITIES

Product Recovery Efforts

During the first quarter 2024, a measurable thickness of PSH was recorded in monitor wells MW-6, MW-8 and MW-15. During the second quarter 2024, a measurable thickness of PSH was recorded in monitor wells MW-6, MW-7, and MW-8. During the third quarter 2024, a measurable thickness of PSH was recorded in monitor wells MW-6, MW-7, MW-8, MW-15, MW-19, and recovery wells RW-4, and RW-5. During the fourth quarter 2024, a measurable thickness of PSH was recorded in monitor wells MW-6, MW-7, MW-8, and MW-19.

The average thickness of PSH in monitor wells exhibiting PSH was 0.28 feet. The maximum thickness of PSH in monitor wells during the 2024 reporting period was 1.00 feet in monitor well MW-6 on July 25, 2024. Groundwater elevation data for the 2024 gauging events can be found in Table 1. Approximately 7.40 gallons (0.176 barrels) of PSH were recovered from the Site during the reporting period. Approximately 2,795.53 gallons (approximately 66.556 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

Quarterly monitoring events for the reporting period were conducted according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004, and amended by the NMOCD in correspondence dated June 22, 2005, June 13, 2013, and March 24, 2020. The table below illustrates the current groundwater sampling schedule approved by the NMOCD.

NMOCD Approved Sampling Schedule					
Location	**Schedule**	**Location**	**Schedule**	**Location**	**Schedule**
MW-1	Annually	MW-13	Annually	MW-25*	Semi-Annually
MW-2	Annually	MW-14	Quarterly	MW-26	Annually
MW-3	Annually	MW-15	Quarterly	MW-27	Semi-Annually
MW-4	Quarterly	MW-16	Annually	MW-28	Annually
MW-5*	Quarterly	MW-17	Annually	RW-1	Quarterly
MW-6	Quarterly	MW-18	Annually	RW-2	P & A 2/14/14
MW-7*	Quarterly	MW-19*	Quarterly	RW-3*	Quarterly
MW-8	Quarterly	MW-20	Quarterly	RW-4	Quarterly
MW-9	P & A 2/4/14	MW-21	Annually	RW-5	Quarterly
MW-10	Annually	MW-22	P & A 1/21/21	RW-6	Quarterly
MW-11*	Annually	MW-23	Semi-Annually		
MW-12	Annually	MW-24	P & A 1/21/21		

* Indicates wells selected for MNA Parameters and are sampled on a quarterly schedule.

The Site monitor wells selected for quarterly sampling were gauged and sampled on February 27, June 17, September 23, and December 9, 2024 are MW-4, MW-5, MW-6, MW-7, MW-8, MW-14, MW-15,

MW-19, MW-20, RW-1, RW-3, RW-4, RW-5, and RW-6. The site monitor wells selected for semiannual sampling on June 17 and December 10 through 11, 2024 are MW-23, MW-25, and MW-27. The site monitor wells selected for annual sampling on December 10 through 11 2024 are MW-1, MW-2, MW-3, MW-10, MW-11, MW-12, MW-13, MW-16, MW-17, MW-18, MW-21, MW-26, and MW-28. During each sampling event, the wells not selected for MNA parameter analyses (MW-1, MW-2, MW-3, MW-4, MW-6, MW-8, MW-10, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-20, MW-21, MW-23, MW-26, MW-27, MW-28, RW-1, RW-4, RW-5 and RW-6) were purged of a minimum of three (3) well volumes of water or until the wells were dry using a PVC bailer. Groundwater was allowed to recharge, and samples were collected using disposable PVC samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Alternatively, wells selected as MNA parameter wells (MW-5, MW-7, MW-11, MW-19, MW-25 and RW-3) were sampled using industry standard low-flow sampling techniques. A water quality meter was utilized to monitor the flow of groundwater for pH, temperature (°C), conductivity, Oxygen Reduction Potential (ORP), Dissolved Oxygen (DO), and Turbidity. The above parameters were monitored until three (3) of the six (6) parameters stabilized to within a ten percent (10%) "window", at which time groundwater samples were collected. The five (5) monitor wells (MW-11, MW-5, MW-7, MW-19, and MW-25) and recovery well RW-3 were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon (TOC) using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand (COD) by 8000.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four (4) quarterly monitoring events, are depicted as Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2024 is provided as Table 1. Historical groundwater elevation data beginning at project inception is summarized in Table 4.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0034 feet/foot to the south-southeast as measured between monitor wells MW-11 and MW-21. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, 3rd and 4th quarters indicated the inferred groundwater gradient ranged from 0.0033 feet/foot during the 3rd quarter to 0.0035 feet/foot during the 1st quarter. The corrected groundwater elevations ranged from 3, 487.55 to 3,490.19 feet, in monitor well MW-21 on September 23, 2024, and in monitor well MW-11 on February 26, 2024, respectively.

LABORATORY RESULTS

Groundwater samples collected during the four (4) quarterly sampling events of the 2024 calendar year were delivered to Permian Basin Environmental Laboratories in Midland, Texas for determination of BTEX constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis by EPA Method 8270 was proposed to be conducted during the 2024 calendar year on monitor wells MW-4, MW-6, MW-8, MW-14, MW-15, MW-19, and recovery wells RW-4, RW-5, and RW-6.

Due to the presence of PSH in monitor wells MW-6 and MW-8 they were not sampled during the 2024 reporting period. Monitor well MW-14 and recovery well RW-4 did not have sufficient water column to be sampled during the 2024 reporting period. Based on historical PAH analytical data, only those wells exhibiting elevated constituent concentrations above NMWQCC Drinking Water Standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. In addition, wells with inadequate water columns (MW-14 and RW-4) were unable to be sampled for PAH during the 4th quarter. A listing of 2024 concentrations of BTEX in groundwater is summarized in Table 2 and historical concentrations of BTEX in groundwater are summarized in Table 5. The 2024 polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 3 and historical polynuclear aromatic hydrocarbon concentrations in groundwater are summarized in Table 6. Copies of the laboratory reports generated for 2024 are provided in Appendix A. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

Monitor well MW-1 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory reporting limit (RL) and the NMOCD regulatory guideline of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene, and 0.62 for xylene during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 4th quarter of 1999. PAH analysis was not required on samples from MW-1 during the 4th quarter sampling event.

Monitor well MW-2 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2003. PAH analysis was not required on samples from MW-2 during the 4th quarter sampling event.

Monitor well MW-3 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2003. PAH analysis was not required on samples from MW-3 during the 4th quarter sampling event.

Monitor well MW-4 is sampled/monitored on a quarterly schedule. The analytical results indicated benzene concentrations ranged from 1.05 mg/L during the 2nd quarter to 2.84 mg/L during the 3rd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00526 mg/L during the 4th quarter to 0.0308 mg/L during the 3rd quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0203 mg/L during the 1st quarter to 0.0651 mg/L during the 3rd quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0502 mg/L during the 1st quarter to 0.1187 mg/L during the 3rd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Monitor well MW-5 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from less than applicable laboratory reporting limit during the 3rd and 4th quarter to 0.00423 mg/L during the 2nd quarter of 2024. Benzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory reporting limit and below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. PAH analysis was not required on samples from MW-5 during the 4th quarter sampling event.

Please note, monitor well MW-5 was selected as MNA parameter well and is located at the "up-gradient within plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-5.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/24	MW-5	7.53	19.70	15.61	-346.8	0.66	69.89
06/18/24	MW-5	7.50	23.11	15.38	-342.7	0.56	76.98
09/25/24	MW-5	7.22	23.13	14.98	-313.8	1.50	169.57
12/11/24	MW-5	7.09	20.97	13.92	-408.0	0.40	8.91

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-5. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-5. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-5. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-5.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-6 is monitored/sampled on a quarterly schedule. Monitor well MW-6 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.28 feet, 0.15 feet, 0.61 feet, and 0.34 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2024, respectively. PAH analysis was not conducted during the 4th quarter due to PSH being present in the well.

Monitor well MW-7 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.176 mg/L during the 2nd quarter to 0.567 mg/L during the 3rd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations were less than the applicable laboratory RL and the the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00429 mg/L during the 2nd quarter to 0.0458 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.0184 mg/L during the 3rd quarter. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling events in the previous two years indicated concentrations were below New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for PAH constituents. Therefore, PAH sampling was not proposed to be conducted during the 2024 sampling event.

Monitor well MW-7 was selected as an MNA parameter well and is located in the "Center of Plume" location. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-7.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/24	MW-7	7.38	20.28	14.92	360.3	0.24	14.78
06/18/24	MW-7	7.19	24.70	13.78	-361.3	0.78	57.19
09/25/24	MW-7	7.13	24.80	13.15	-362.9	0.74	131.59
12/11/24	MW-7	6.98	21.61	13.12	-426.5	0.30	4.33

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-7. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-7. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-7. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-7.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-8 is monitored on a quarterly schedule. Monitor well MW-8 was not sampled during all four (4) quarters of the reporting period, due to the presence of PSH. PSH thicknesses of

0.31 feet, 0.64 feet, 0.79 feet, and 0.49 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2024, respectively. PAH analysis was not conducted on samples from MW-8 during the 4th quarter sampling event due to the presence of PSH.

Monitor well MW-10 is sampled on an annual schedule and the analytical results indicated the benzene, toluene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter of the reporting period. The ethylbenzene concentration was 0.00212 mg/L and less than the NMOCD regulatory guideline during the 3rd quarter of the reporting period. The analytical results indicated BTEX constituent concentrations have been below the NMOCD regulatory guidelines since the 2nd quarter of 2010. PAH analysis was not required on samples from MW-10 during the 4th quarter sampling event.

Monitor well MW-11 is sampled on an annual schedule however, MW-11 was selected as a MNA parameter well and was sampled all four (4) quarters. Analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations ranged from below the applicable laboratory RL during all four (4) quarters of the reporting period and were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Monitor well MW-11 was selected as an MNA parameter well and is located in the "Up-gradient of Plume" location. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-11.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/24	MW-11	7.26	19.11	15.54	52.9	0.26	97.72
06/18/24	MW-11	7.43	22.42	14.98	60.5	2.37	88.63
09/25/24	MW-11	7.27	22.95	14.35	57.0	3.93	131.37
12/11/24	MW-11	7.13	19.41	12.00	7.4	2.0	107.71

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-11. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-11. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-11. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-11.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-12 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory

guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter of 2012. PAH analysis was not required on samples from MW-12 during the 4th quarter sampling event.

Monitor well MW-13 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-13 during the 4th quarter sampling event.

Monitor well MW-14 is sampled on a quarterly schedule and was only able to sampled in the 1st and 2nd quarter due to the well being dry during the 3rd, and 4th quarter. Benzene concentrations ranged from 0.142 mg/L during the 2nd quarter to 0.228 mg/L during the 1st quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene concentrations ranged from less than the applicable laboratory reporting period during the 2nd quarter to 0.00185 mg/L during the 1st quarter. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0936 during the 2nd quarter to 0.171 mg/L during the 1st quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Xylene concentrations ranged from 0.0189 mg/L during the 2nd quarter to 0.04331 mg/L during the 1st quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not sampled during the 4th quarter due to an insufficient water column.

Monitor well MW-15 is sampled on a quarterly schedule but was not sampled during the 1st and 3rd quarter due to the presence of PSH in the well. The analytical results indicated benzene concentrations ranged from 0.00630 mg/L during the 4th quarter to 0.0105 mg/L during the 2nd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd quarter of the reporting period. Toluene concentrations ranged 0.00905 mg/L the 2nd quarter to 0.0170 mg/L during the 4th quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during the 1st and 4th quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory RL during the 2nd quarter to 0.0578 mg/L during the 4th quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarters of the reporting period. Xylene concentrations ranged from 0.0302 mg/L during the 2nd quarter to 0.0501 mg/L during the 4th quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during the 2nd and 4th quarter of the reporting period.

PAH analysis during the 4th quarter sampling event indicated concentrations were above New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for chrysene (0.0057 mg/L), Fluorene (0.011 mg/L), and naphthalene (0.0491 mg/L).

Monitor well MW-16 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-16 during the 4th quarter sampling event.

Monitor well MW-17 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-17 during the 4th quarter sampling event.

Monitor well MW-18 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter 2012. PAH analysis was not required on samples from MW-18 during the 4th quarter sampling event.

Monitor well MW-19 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.114 mg/L during the 4th quarter to 0.848 mg/L during the 2nd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 2nd and 4th quarter to 0.00421 mg/L during the 3rd quarter of 2024. Toluene concentrations were below the NMOCD regulatory guidelines during the four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00354 mg/L during the 4th quarter to 0.0151 mg/L during the 3rd quarter of 2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period. Xylene concentrations ranged from less than the applicable laboratory RL during the 1st and 4th quarters to 0.0548 mg/L during the 3rd quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated concentrations were below New Mexico Water Quality Control Commission (NMWQCC) Drinking Water Standards for PAH constituents.

Please note, monitor well MW-19 was selected as MNA parameter well and is located at the "down-gradient within plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-19.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/24	MW-19	7.29	20.10	8.07	-376.5	0.25	11.04
06/18/24	MW-19	7.12	24.61	8.76	-300.2	1.25	17.86
09/25/24	MW-19	7.07	23.86	8.49	-356.1	0.64	8.26
12/11/24	MW-19	6.96	21.22	7.50	-435.7	0.31	2.56

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-19. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration

Trend was "Decreasing" in monitor well MW-19. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in monitor well MW-19. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-19.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-20 is sampled on a quarterly schedule and the analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during all four (4) quarters of reporting period. PAH analysis was not required on samples from MW-20 during the 4th quarter sampling event.

Monitor well MW-21 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 4th quarter 2012. PAH analysis was not required on samples from MW-21 during the 4th quarter sampling event.

Monitor well MW-23 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 1st quarter of 2007. PAH analysis was not required on samples from MW-23 during the 4th quarter sampling event.

Monitor well MW-25 is sampled on a semi-annual schedule however, MW-25 was selected as an MNA parameter well and was sampled during all four (4) quarters of the reporting period. Analytical results indicated benzene, toluene, ethylbenzene, and xylene concentrations ranged from below the applicable laboratory RL and were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

Please note, monitor well MW-25 was selected as MNA parameter well and is located "down-gradient of plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for monitor well MW-25.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
2/28/24	MW-25	7.21	17.53	13.55	23.7	0.32	80.03
06/18/24	MW-25	7.28	29.09	14.15	-145.3	2.91	398.91
09/25/24	MW-25	7.22	22.24	12.88	76.9	0.66	20.18
12/11/24	MW-25	7.13	20.53	11.98	278.8	0.29	4.21

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Stable" in monitor well MW-25. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-25. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Probably Decreasing" in monitor well MW-25. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "No Trend" in monitor well MW-25.

Please reference Tables 7 through 10 for benzene, toluene, ethylbenzene, and xylene Constituent Trend Analysis, respectively. Analytical results of MNA constituent samples will be summarized in the Monitored Natural Attenuation Results Summary Section of this Report.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Monitor well MW-26 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter of 2024. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter 2011. PAH analysis was not required on samples from MW-26 during the 4th quarter sampling event.

Monitor well MW-27 is sampled on a semi-annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guidelines during the 2nd and 4th quarter sampling events. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-27 during the 4th quarter sampling event.

Monitor well MW-28 is sampled on an annual schedule and the analytical results indicated BTEX constituent concentrations were less than the applicable laboratory RL and the NMOCD regulatory guideline during the 4th quarter sampling event. The analytical results indicated BTEX constituent concentrations have been below regulatory guidelines since the 2nd quarter of 2002. PAH analysis was not required on samples from MW-28 during the 4th quarter sampling event.

Recovery well RW-1 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.00117 mg/L during the 1st quarter to 0.00487 mg/L during the 2nd quarter of 2024. Benzene concentrations were below the NMOCD regulatory guideline during all four (4) quarters of the reporting period. Toluene concentrations ranged from below the applicable laboratory RL during the 3rd quarter to 0.00255 mg/L during the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from less than the applicable laboratory reporting limit during the 3rd quarter to 0.00535 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from below the applicable laboratory reporting limit during the 3rd quarter to 0.00780 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of

the reporting period. PAH analysis was not required on samples from RW-1 during the 4th quarter sampling event.

Recovery well RW-3 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from below the applicable laboratory RL during the 1st quarter to 0.202 mg/L during the 2nd quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 2nd, 3rd, and 4th quarter of the reporting period. Toluene, ethylbenzene, and xylene concentrations were below the applicable laboratory RL and the NMOCD regulatory guidelines all four (4) quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated all PAH constituent concentrations were below NMWQCC Drinking Water Standards.

Please note, recovery well RW-3 was selected as MNA parameter well and is located at the "cross-gradient of plume" location. Groundwater samples collected during the reporting period were obtained using low-flow sampling techniques. The table below list the stabilization levels for the water quality parameters during the reporting period for recovery well RW-3.

Sample Date	Sample Location	pH (SU) ±10%	Temp C ±10%	Conductivity (u-mhos/cm) ±10%	ORP (mV) ±10%	DO mg/L ±10%	Turbidity (NTUs) ±10% or < 5 NTUs
02/28/24	RW-3	7.15	20.09	15.23	-113.1	0.18	140.35
06/18/24	RW-3	7.32	22.73	14.68	-307.4	0.49	187.55
09/25/24	RW-3	7.21	24.87	14.12	-298.5	0.57	304.40
12/11/24	RW-3	7.03	20.27	12.66	-346.4	0.51	64.34

Analytical benzene data for up to the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-3. Analytical toluene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-3. Analytical ethylbenzene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-3. Analytical xylene data for the previous ten (10) years was entered into the GSI-MKT, which indicated the Concentration Trend was "Decreasing" in recovery well RW-3.

Please note, due to the limitations of the GSI Mann-Kendall Toolkit, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI Mann-Kendall Toolkit for Constituent Trend Analysis spreadsheet at the laboratory RL.

Recovery well RW-4 is sampled on a quarterly schedule, but was only sampled during the 1st and 2nd quarter due to PSH in the well during the 3rd quarter and an insufficient water column during the 4th quarter. Analytical results indicated benzene concentrations ranged from 0.220 mg/L during the 2nd quarter to 0.271 mg/L during the 1st quarter of 2024. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st and 2nd quarters of the reporting period. Toluene concentrations were below the applicable laboratory RL and below the NMOCD regulatory guidelines during the 1st and 2nd quarters. to 0.00505 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations ranged from 0.0684 mg/L during the 2nd quarter to 0.0813 mg/L during the 1st quarter of

2024. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during 1st and 2nd quarter of the reporting period. Xylene concentrations ranged from 0.0378 mg/L during the 2nd quarter to 0.0394 mg/L during the 1st quarter of 2024. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. PAH analysis was not required during the 4th quarter of the reporting period due to an insufficient water column.

Recovery well RW-5 is sampled on a quarterly schedule but was not sampled due to the presence of PSH during the 3rd quarter. The analytical results indicated benzene concentrations ranged between 0.304 mg/L during the 4th quarter to 0.320 mg/L during the 1st quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarter of the reporting period. Toluene concentrations ranged from 0.00159 mg/L during the 4th quarter and 0.0539 during the 2nd quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines the 1st, 2nd, and 4th quarter of the reporting period. Ethylbenzene concentrations ranged from 0.0244 mg/L during the 4th quarter to 0.0313 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, 4th quarter of the reporting period. Xylene concentrations ranged from 0.0386 mg/L during the 4th quarter to 0.07914 mg/L during the 2nd quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during the 1st, 2nd, and 4th quarter of the reporting period. PAH was not sampled during the 4th quarter due to the presence of PSH.

Recovery well RW-6 is sampled on a quarterly schedule and the analytical results indicated benzene concentrations ranged from 0.0991 mg/L during the 1st quarter to 0.120 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Toluene concentrations ranged from 0.00571 mg/L during the 3rd quarter to 0.0105 mg/L during the 1st quarter of the reporting period. Toluene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.00690 mg/L during the 2nd quarter to 0.0169 mg/L during the 1st quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period. Xylene concentrations ranged from 0.0164 mg/L during the 4th quarter to 0.0393 mg/L during the 1st quarter of the reporting period. Xylene concentrations were below the NMOCD regulatory guidelines during all four (4) quarters of the reporting period.

PAH analysis during the 4th quarter sampling event indicated elevated concentrations above NMWQCC Drinking Water Standards for fluorene (0.0016 mg/L), and phenanthrene (0.0030 mg/L).

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater guidelines found in Section 20.6.2.3103 of the New Mexico Administrative Code.

MONITORED NATURAL ATTENUATION RESULTS SUMMARY

The New Mexico Administrative Code (NMAC) 20.5.13 has defined Monitored Natural Attenuation as "a methodology for remediation that relies upon a variety of naturally occurring chemical, physical, and biological processes to achieve target concentrations in a manner that is equally as protective of public health, safety, and welfare, and the environment as other methods and is accompanied by a program of monitoring to document the process and results of the above mentioned processes."

Following a release, bacteria and archaea begin to degrade petroleum plumes by oxidizing hydrocarbons. In order for this biodegradation to occur, reducers such as oxygen, nitrate, manganese^{2+}, iron^{3+}, sulfate, and carbon dioxide must be present. These reactions, termed oxidation-reduction, or "REDOX" reactions, provide bacteria and archaea varying amounts of energy.

The microbial population will utilize the most energetically favorable reaction available and subsequently move to less favorable reactions as electron acceptors are consumed. This process is generally termed the "REDOX Ladder", which is depicted in the figure below.

Common Hydrocarbon REDOX Reactions in Groundwater

Reaction	Process	Energy
Aerobic Oxidation	$CH_2O + O_2 \rightarrow CO_2 + H_2O$	-120 Kcal/mol
Denitrification	$5CH_2O + 3NO_3 + 4H^+ \rightarrow CO_2 + 7H_2O + 2N_2$	-114 Kcal/mol
Manganese Reduction	$CH_2O + 2MnO_2 + 4H^+ \rightarrow CO_2 + 3H_2O + 2Mn^{2+}$	-81 Kcal/mol
Iron Reduction	$CH_2O + 4Fe(OH)_3 + 8H^+ \rightarrow CO_2 + 11H_2O + 4Fe^{2+}$	-28 Kcal/mol
Sulfate Reduction	$2CH_2O + SO_4^{2-} + H^+ \rightarrow 2CO_2 + 2H_2O + HS^-$	-25 Kcal/mol
Methanogenesis	$2CH_2O \rightarrow CH_3COOH \rightarrow CH_4 + CO_2$	-22 Kcal/mol

The most energetically favorable electron acceptors t(i.e., dissolved oxygen and nitrate) end to get consumed first and plumes tend to be limited in them toward the plume center while having excess of the other electron acceptors toward the periphery. For this reason, the groundwater geochemistry of hydrocarbon plumes tends to be characterized by concentric three-dimensional regions each dominated by one of the reactions listed above. The largest source of electron donors at petroleum release sites is typically petroleum hydrocarbons (e.g., light non-aqueous phase liquids [LNAPLs]); therefore, the center of the concentric region near the origin of a release area tends to be at the location Where LNAPL is most likely to be present. Please note, LNAPL and PSH are used interchangeably in this report.

The lateral and vertical location as well as the morphology of each region can be determined using the concentration of the electron acceptors, electron donors, and the field-measured parameters such as ORPand DO.

Dissolved-phase hydrocarbon plumes begin to spread out from a release area within the subsurface along the direction of groundwater flow (controlled by advection), perpendicular to groundwater flow (controlled by diffusion), and vertically (controlled by infiltration and advection) following the release. LNAPL, when present, tends to be smeared within the soil vertically below the release area and above an area where LNAPL has spread in response to the driving head imposed by the LNAPL source. Once the source of the release is stopped (i.e., the driving head is removed), LNAPL in the subsurface

becomes trapped by capillary forces within the subsurface and further LNAPL spreading ceases. For these reasons, the plume shape, COC concentrations, and biogeochemistry change with time.

Six (6) monitor/recovery wells were sampled to determine the morphology of each biodegradation region and to assess the attenuation of benzene, toluene, ethylbenzene and xylenes in the plume. These wells generally included one (1) well upgradient of the plume (MW-11), one (1) well upgradient within the plume (MW-5), one (1) well near the center of the plume (MW-7), one (1) well downgradient within the plume (MW-19), one (1) well downgradient of the plume (MW-25), and one (1) well cross-gradient of the plume center (RW-3).

The six (6) monitor/recovery wells (MW-11, MW-5, MW-7, MW-19, MW-25, and RW-3) were sampled for concentrations of BTEX using Method EPA 8021B, Total Organic Carbon using Method EPA 415.1, Dissolved Methane Gas using RSK-175, Dissolved Ethane Gas using RSK-175, Dissolved Ethene Gas using RSK-175, Dissolved Iron (filtered) using Method EPA 6010B, Dissolved Manganese (filtered) using Method EPA 6010B, Anion Nitrate and Sulfate by Method EPA 300.0, and Chemical Oxygen Demand by 8000.

In past reports, trends were assessed using several years of data which may not reflect current conditions within the plume. For this reason, trends in this report are based upon data collected during the last two years of monitoring using the GSI Mann-Kendall Toolkit (GSI-MKT, 2012) as these trends reflect current plume geochemistry and may be a better indicator of future plume behavior.

Note that, due to the limitations of the GSI MKT, constituents exhibiting concentrations less than the applicable laboratory RL are depicted on the GSI MKT for Constituent Trend Analysis spreadsheet at the laboratory RL. Care must be exercised when interpreting trend analysis when non-detect results are included in the trend analysis, particularly where there are multiple non-detect results and RLs vary over time. In such cases, it is possible that the Mann-Kendall Trend Analysis may indicate an increasing or decreasing trend for a constituent when, in reality, the concentration of the constituent at the particular well is stable or no trend exists. In these instances, the GSI-MKT user's guide suggests that the constituent concentration trend in the well be designated as "stable" or no trend and not rely on the trend predicted by the Mann-Kendall analysis.

Quarterly results and trend analyses for each of the constituents analyzed during 2024 are summarized below.

For the 1st quarter of 2024, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-25, and recovery well RW-3 to 0.381 mg/L for monitor well MW-7.

For the 2nd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11 and MW-25 to 0.848 mg/L for monitor well MW-19.

For the 3rd quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, and MW-25 to 0.567 mg/L for monitor well MW-7.

For the 4th quarter, the analytical results for concentrations of benzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, and MW-25, to 0.218 mg/L for monitor well MW-7.

Please reference Table 7 for GSI-MKT benzene results. Analytical benzene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows "Stable", "Decreasing", "Stable", "Probably Decreasing", "Stable", and "No Trend".

For the 1st quarter of 2024, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-25, and recovery well RW-3 to 0.00105 mg/L for monitor well RW-19.

For the 2nd quarter, the analytical results for concentrations of toluene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter, the analytical results for concentrations of toluene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-25, and recovery well RW-3 to 0.00421 mg/L for monitor well MW-19.

For the 4th quarter, the analytical results for concentrations of toluene were less than the applicable laboratory RL for monitor well MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 8 for GSI-MKT toluene results. Analytical toluene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows "Stable", "Probably Decreasing", "Stable", "Stable", "Stable", and "Stable".

For the 1st quarter of 2024, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.0138 mg/L for monitor well MW-7.

For the 2nd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.011 mg/L for monitor well MW-19.

For the 3rd quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.0458 mg/L for monitor well MW-7.

For the 4th quarter, the analytical results for concentrations of ethylbenzene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.00791 mg/L for monitor well MW-7.

Please reference Table 9 for GSI-MKT ethylbenzene results. Analytical ethylbenzene data up to for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Stable”, “Probably Decreasing”, “Stable”, “No Trend”, “Stable”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3 to 0.0056 mg/L for monitor well MW-7.

For the 2nd quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-25, and recovery well RW-3 to 0.00488 mg/L for monitor well MW-19.

For the 3rd quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-25, and recovery well RW-3 to 0.0548 mg/L for monitor well MW-19.

For the 4th quarter, the analytical results for concentrations of xylene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3 to 0.00313 mg/L for monitor well MW-7.

Please reference Table 10 for GSI-MKT xylene results. Analytical xylene data for up to the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Decreasing”, “Probably Decreasing”, “Stable”, “No Trend”, “Decreasing”, and “Decreasing”. It should be noted that, all but one result for MW-5 were not detect for xylenes for monitor/recovery wells MW-5, MW-11, MW-25, and RW-3. Therefore, the decreasing trends predicted for these monitoring wells reflect the trend of the detection limits and not the actual concentration of xylene. On this basis and in accordance with the user’s guide for the GSI-MKT, the concentration of xylene in these four wells were judged to exhibit “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of TOC ranged from less than the laboratory reporting limit atmonitor well MW-11 to 162 mg/L for monitor well MW-19.

For the 2nd quarter, the analytical results for concentrations of TOC ranged from 32.8 mg/L for monitor well MW-11 to 680 mg/L for monitor well MW-7.

For the 3rd quarter, the analytical results for concentrations of ranged from 6.84 mg/L for monitor well MW-11 to 166 mg/L for monitor well MW-19.

For the 4th quarter, the analytical results for concentrations of TOC ranged from 14.8 mg/Lfor monitor well MW-11 to 183 mg/L for monitor well MW-19.

Please reference Table 11 for GSI-MKT TOC results. Analytical TOC data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25,

and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “Table”, and “Probably Increasing”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Methane ranged from 0.000964 mg/L for monitor well MW-11 to 1.59 mg/L for monitor well MW-19.

For the 2nd quarter, the analytical results for concentrations of Dissolved Methane ranged from 0.00131 mg/L for monitor well MW-11 to 3.36 mg/L for monitor well MW-7.

For the 3rd quarter, the analytical results for concentrations of Dissolved Methane ranged from 0.00181 mg/L for monitor well MW-11 to 2.67 mg/L at monitor well MW-19.

For the 4th quarter, the analytical results for concentrations of Dissolved Methane ranged from 0.00212 mg/L for monitor well MW-11 to 2.04 mg/L for monitor well MW-19.

Please reference Table 12 for GSI-MKT Dissolved Methane results. Analytical Methane data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “Probably Decreasing”, and “No Trend”.

For the 1st quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5. MW-7, MW-19, and recovery well RW-3 to 0.00129 mg/L for monitor well MW-25.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethane were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethane were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Ethane ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-19, MW-25, and recovery well RW-3.

Please reference Table 13 for GSI-MKT Dissolved Ethane results. Analytical Dissolved Ethane data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 2nd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter the analytical results for concentrations of Dissolved Ethene were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 4th quarter the analytical results for concentrations of Dissolved Ethene ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 14 for GSI-MKT Dissolved Ethene results. Analytical Dissolved Ethene data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “No Trend”, “No Trend”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 2nd quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter, the analytical results for concentrations of Dissolved Iron (filtered) were less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 4th quarter, the analytical results for concentrations of Dissolved Iron (filtered) ranged from less than the applicable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-25, and recovery well RW-3 to 0.2 mg/L for MW-19.

Please reference Table 15 for GSI-MKT Dissolved Iron (filtered) results. Analytical Dissolved Iron data for the previous eight (8) quarters was entered into the GSI Mann-Kendall Toolkit (GSI-MKT) for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “No Trend”, and “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the applicable laboratory RL for monitor wells for monitor wells MW-11, MW-5, MW-7 and recovery well RW-3 to 0.0539 mg/L for monitor well MW-25.

For the 2nd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.00651 mg/L for monitor well MW-5 to 0.0439 mg/L for monitor well MW-25.

For the 3rd quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from less than the applicable laboratory RL for monitor wells wells MW-11, MW-5, MW-7 and recovery well RW-3 to 0.0536 mg/L for monitor well MW-25.

For the 4th quarter, the analytical results for concentrations of Dissolved Manganese (filtered) ranged from 0.0103 mg/L for monitor well MW-7 to 0.107 mg/L for monitor well MW-25.

Please reference Table 16 for GSI-MKT Dissolved Manganese (filtered) results. Analytical Dissolved Manganese data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “No Trend”, “No Trend”, “No Trend”, “Stable”, “No Trend”, and “Stable”.

For the 1st quarter of 2024, the analytical results for concentrations of Nitrate ranged from less than the appliable laboratory RL for monitor wells MW-5 and MW-19 to 5 mg/L at MW-7.

For the 2nd quarter, the analytical results for concentrations of Nitrate were less than the appliable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

For the 3rd quarter, the analytical results for concentrations of Nitrate were less than the appliable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.
For the 4th quarter, the analytical results for concentrations of Nitrate were less than the appliable laboratory RL for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3.

Please reference Table 17 for GSI-MKT Nitrate results. Analytical Nitrate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows “Probably Decreasing”, “Decreasing”, “Probably Decreasing”, “Probably Decreasing”, “Stable”, and “Probably Decreasing”. It should be noted that only one or two samples from each of the wells exhibited detectable concentrations of nitrate. Therefore, the “Probably Decreasing” and “Decreasing” trends predicted by the CSI-MKT for nitrate reflect the trend of the detection limits rather than nitrate concentrations in the samples. On this basis and in accordance with the user’s guide for the GSI-MKT, the concentration of nitrate in the wells were judged to exhibit “No Trend”.

For the 1st quarter of 2024, the analytical results for concentrations of Sulfate ranged from 753 mg/L monitor well MW-19 to 2,670 mg/L for monitor well RW-3.

For the 2nd quarter, the analytical results for concentrations of Sulfate ranged from 956 mg/L monitor well MW-7 to 2,190 mg/L for monitor well MW-5.

For the 3rd quarter, the analytical results for concentrations of Sulfate ranged from 1,120 mg/L monitor well MW-19 to 2,700 mg/L for recovery well RW-3.

For the 4th quarter, the analytical results for concentrations of Sulfate ranged from 954 mg/L monitor well MW-19 to 2,320 mg/L for recovery well RW-3.

Please reference Table 18 for GSI-MKT Sulfate results. Analytical Sulfate data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows "Stable", "Decreasing", "Stable", "Stable", "No Trend", and "Stable".

For the 1st quarter of 2024, the analytical results for concentrations of COD ranged from 34 mg/L for monitor well MW-11 to 134 mg/L for monitor well MW-5.

For the 2nd quarter, the analytical results for concentrations of COD ranged from 71 mg/L for monitor well MW-11 to 606 mg/L for monitor well MW-7.

For the 3rd quarter, the analytical results for concentrations of COD ranged from 99 mg/L for monitor well MW-11 to 879 mg/L for monitor well MW-19.

For the 4th quarter, the analytical results for concentrations of COD ranged from 89 mg/L for monitor well MW-25 to 1,860 mg/L for monitor well MW-19.

Please reference Table 19 for GSI-MKT COD results. Analytical COD data for the previous eight (8) quarters was entered into the GSI-MKT for monitor wells MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3. The GSI-MKT indicated the Concentration Trends for MW-11, MW-5, MW-7, MW-19, MW-25, and recovery well RW-3 were as follows "Probably Increasing", "No Trend", "Probably Increasing", "Probably Increasing", "No Trend", and "Increasing".

SUMMARY

This report summarizes the results of monitoring activities for the 2024 annual monitoring period. Currently, there are twenty-five (25) groundwater monitor wells (MW-1 through MW-8, and MW-10 through MW-21, MW-23, and MW-25 through MW-28) and five (5) recovery wells (RW-1 and RW-3 through RW-6) on-site. A pneumatic product recovery system formerly operated on-site, which incorporated recovery well RW-6 and monitor wells MW-8, MW-14, and MW-15. The automated recovery system was decommissioned in the summer of 2007 due to declining PSH thickness. Currently, manual PSH recovery is performed on a monthly basis for monitor and recovery wells exhibiting PSH.

A measurable thickness of PSH was recorded in four (4) monitor wells (MW-6, MW-7, MW-8, and MW-15) and two (2) recover well (RW-4 and RW-5) during at least one (1) quarter of the reporting period.

The average thickness of PSH in monitor wells exhibiting PSH was 0.18 feet. The maximum thickness of PSH in monitor wells during the 2024 reporting period was 0.79 feet in monitor well MW-8 on September 23, 2024. Groundwater elevation data for the 2024 gauging events can be found in Table 1. Approximately 2,795.53 gallons (approximately 66.556 barrels) of PSH has been recovered since project inception.

The most recent Inferred Groundwater Gradient Map, Figure 2D, indicated a general gradient of approximately 0.0034 feet/foot to the south-southeast as measured between monitor wells MW-11 and MW-21. Inferred Groundwater Gradient Maps prepared during the 1st, 2nd, 3rd and 4th quarters indicated the inferred groundwater gradient ranged from 0.0033 feet/foot during the 3rd quarter to 0.0035 feet/foot during the 1st quarter. The corrected groundwater elevations ranged from 3, 487.55 to 3,490.19 feet, in monitor well MW-21 on September 23, 2024, and in monitor well MW-11 on February 26, 2024, respectively.

Review of laboratory analytical results of the groundwater samples obtained during the 2024 monitoring period indicated BTEX constituent concentrations were below applicable the NMOCD regulatory guidelines for at least one (1) quarter in twenty-one (21) of the thirty (30) monitor/recovery wells currently on-site. Dissolved phase hydrocarbon impact appears to be limited to monitor wells MW-4, MW-6, MW-7, MW-14, MW-15 and recovery wells RW-3 through RW-6. PSH appears to be limited to monitor wells MW-6 and MW-8 and sporadic observations in monitor wells MW-4, MW-15 MW-19, and recovery well RW-5.

Analytical results of groundwater samples collected during the 4th quarter sampling event indicated PAH concentrations are fluctuating.

ANTICIPATED ACTIONS

Monthly gauging and quartering sampling will continue in 2024. Manual product recovery will continue on a monthly schedule and will be adjusted according to Site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2025.

Based on the results of previous PAH analysis, additional PAH analysis is anticipated to conducted on monitor wells MW-4, MW-6, MW-7, MW-8, MW-14, MW-15, and MW-19 and recovery wells RW-3 through RW-6.

Low-flow sampling of MNA parameters will be conducted on monitor wells MW-11, MW-5, MW-7, MW-19, and MW-25 and recovery well RW-3 during each quarterly sampling event. Unforeseen circumstances may require modification of this sampling event.

LIMITATIONS

TRC has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains.

DISTRIBUTION

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Environmental Specialist-Advanced
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

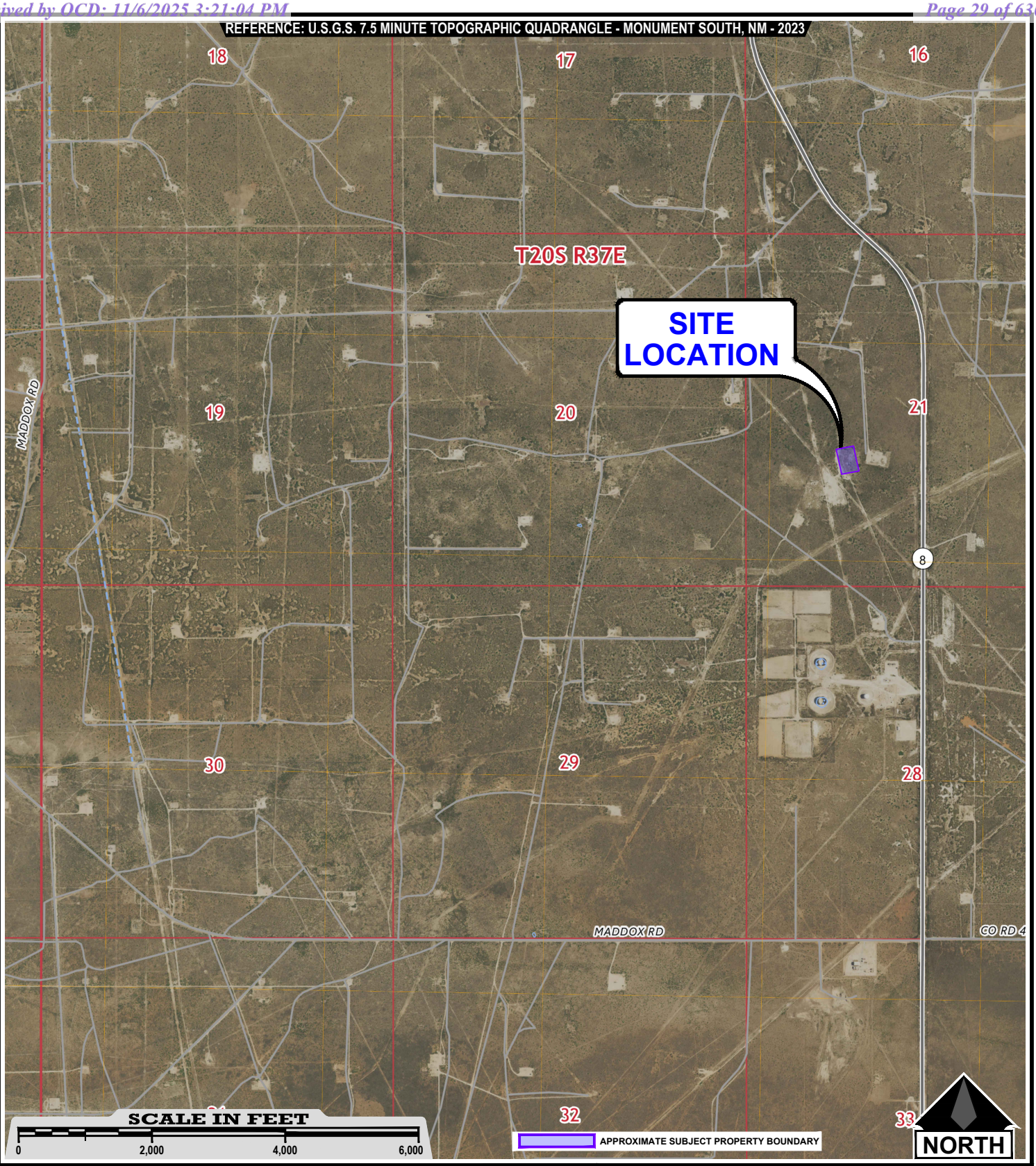
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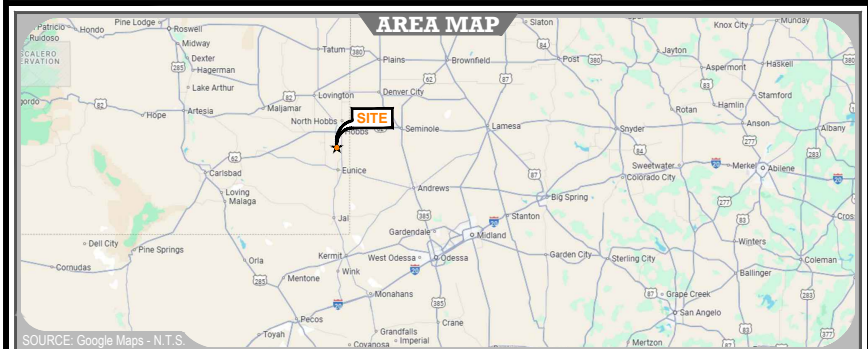
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333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

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10 Desta Drive, Suite 130E
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cdstanley@trccompanies.com

FIGURES

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CLIENT / PROJECT

PLAINS MARKETING, L.P.
TNM 97-17
LEA COUNTY, NM

TITLE

SITE LOCATION MAP

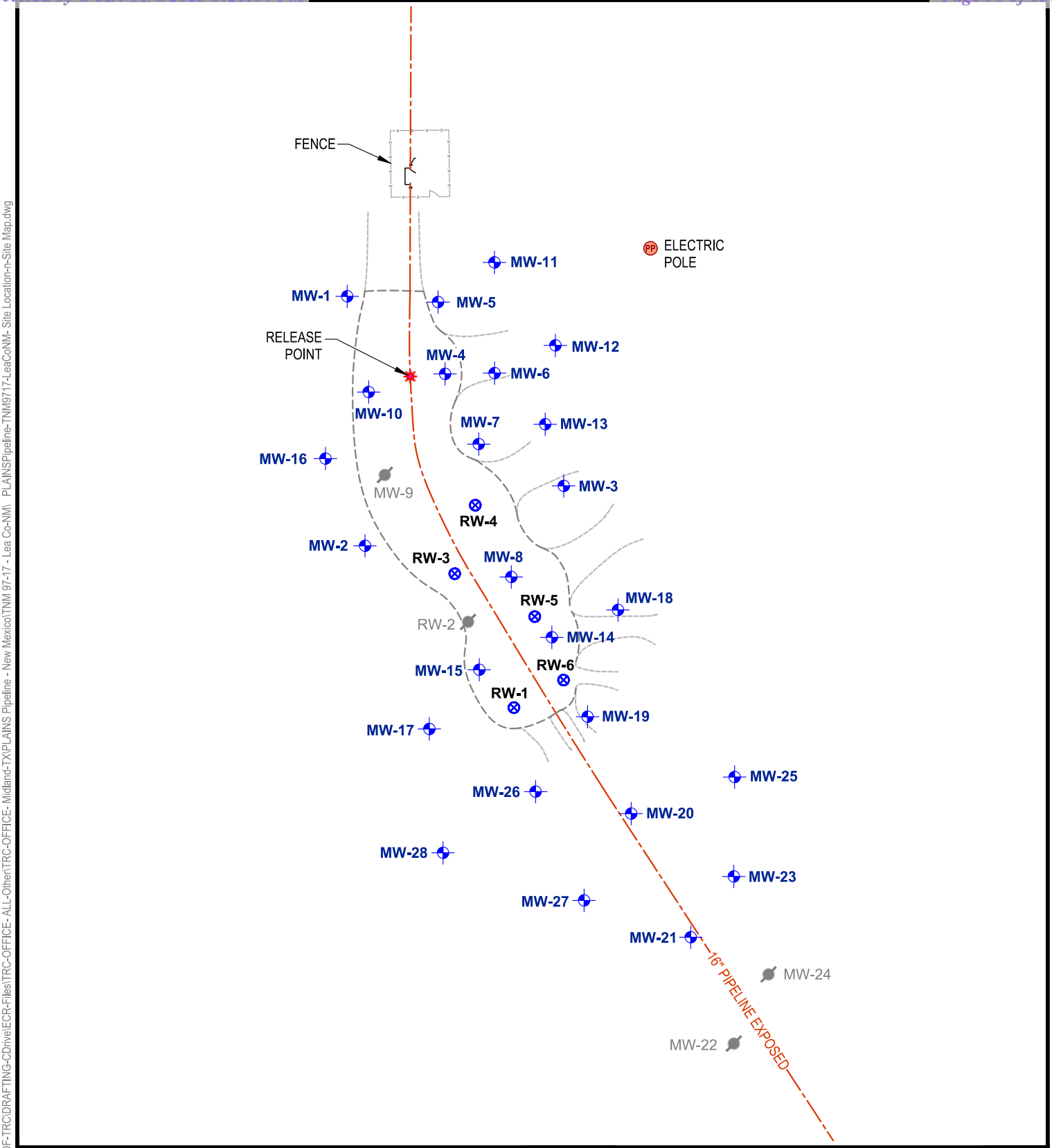
DRAWN BY: **E. Alexander**	REQUEST BY: **J. Fergerson**	PROJECT NO. **014178**
DWG. DATE: **March 2025**	PROJECT-MGR: **J. Fergerson**	

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FIGURE **1**

LAST EDIT: 04/02/2025 - FILE LOCATION: HOU \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GIS\ FIGURE 1 SLM.dwg

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LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- P & A WELL LOCATION
- RECOVERY WELL LOCATION
- RELEASE POINT
- FORMER 2012 EXCAVATION AREA

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

SITE MAP

DRAWN BY: O. Fonseka	REQUEST BY: J. Repman	PROJECT NO. 014178
DWG. DATE: October 2025	PROJECT-MGR: J. Fergerson	

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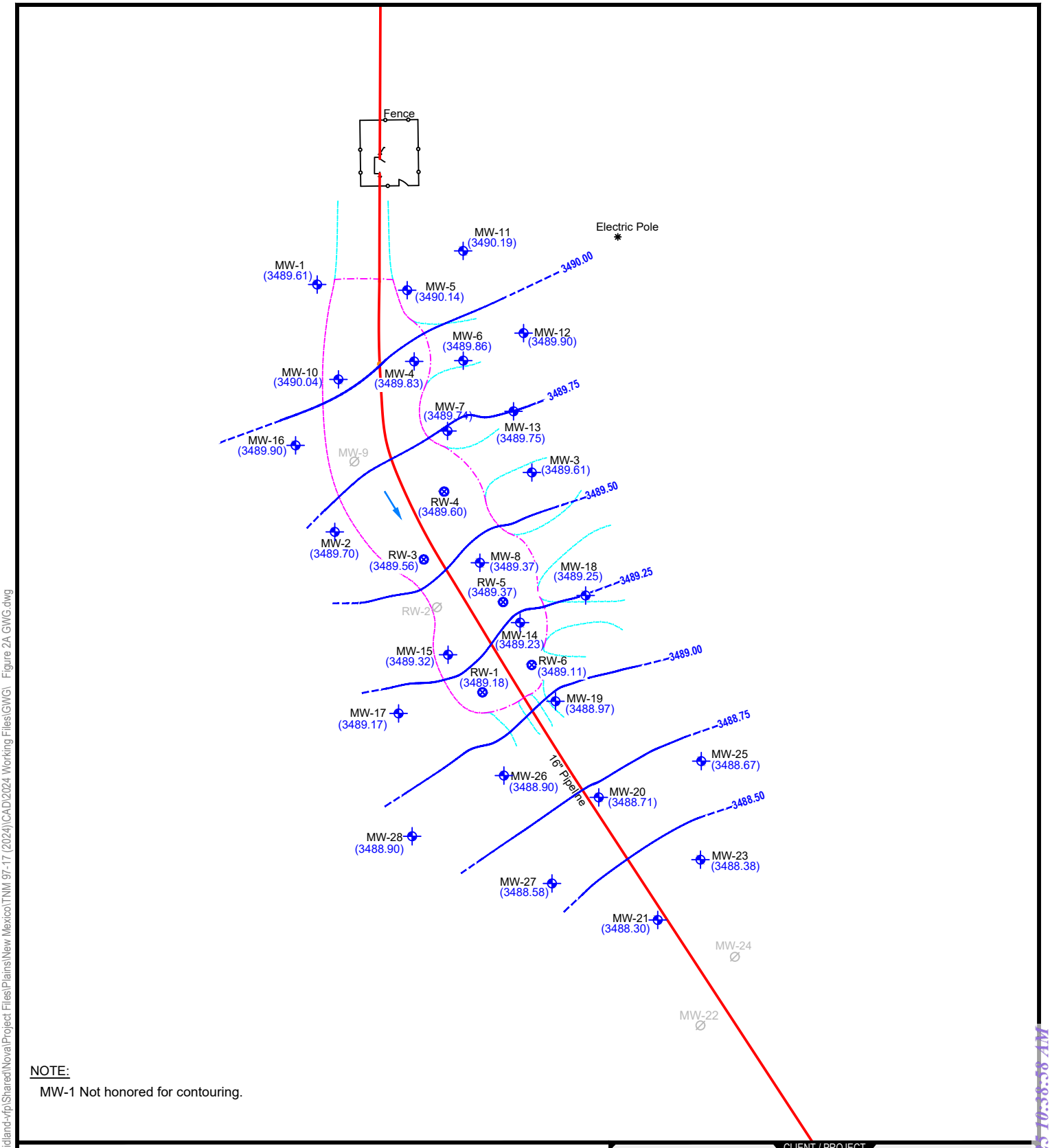
FIGURE 2

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DRAWING by: OSKAR Fonseka FILE NAME: P:\PLAINS\plains-TNM9717-LeaCoNM- Site Location-n-Site Map.dwg

DRAWING NAME: \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GWG\ Figure 2A GWG.dwg --- PLOT DATE: March 24, 2025 - 1:45PM --- LAYOUT: Layout1

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NOTE:

MW-1 Not honored for contouring.

LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- RECOVERY WELL LOCATION
- 3490.00 — GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED)
- CONTOUR INTERVAL = 0.25 FOOT
- (3490.00) — GROUNDWATER ELEVATION (FT MSL)
- (ND) — NO ELEVATION OR GAUGING DATA AVAILABLE
- GROUNDWATER FLOW DIRECTION

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

INFERRED GROUNDWATER GRADIENT MAPS (February 26, 2024)

DRAWN BY: J. OBrien	REQUEST BY: J. Fergerson	PROJECT NO. 014178
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2A

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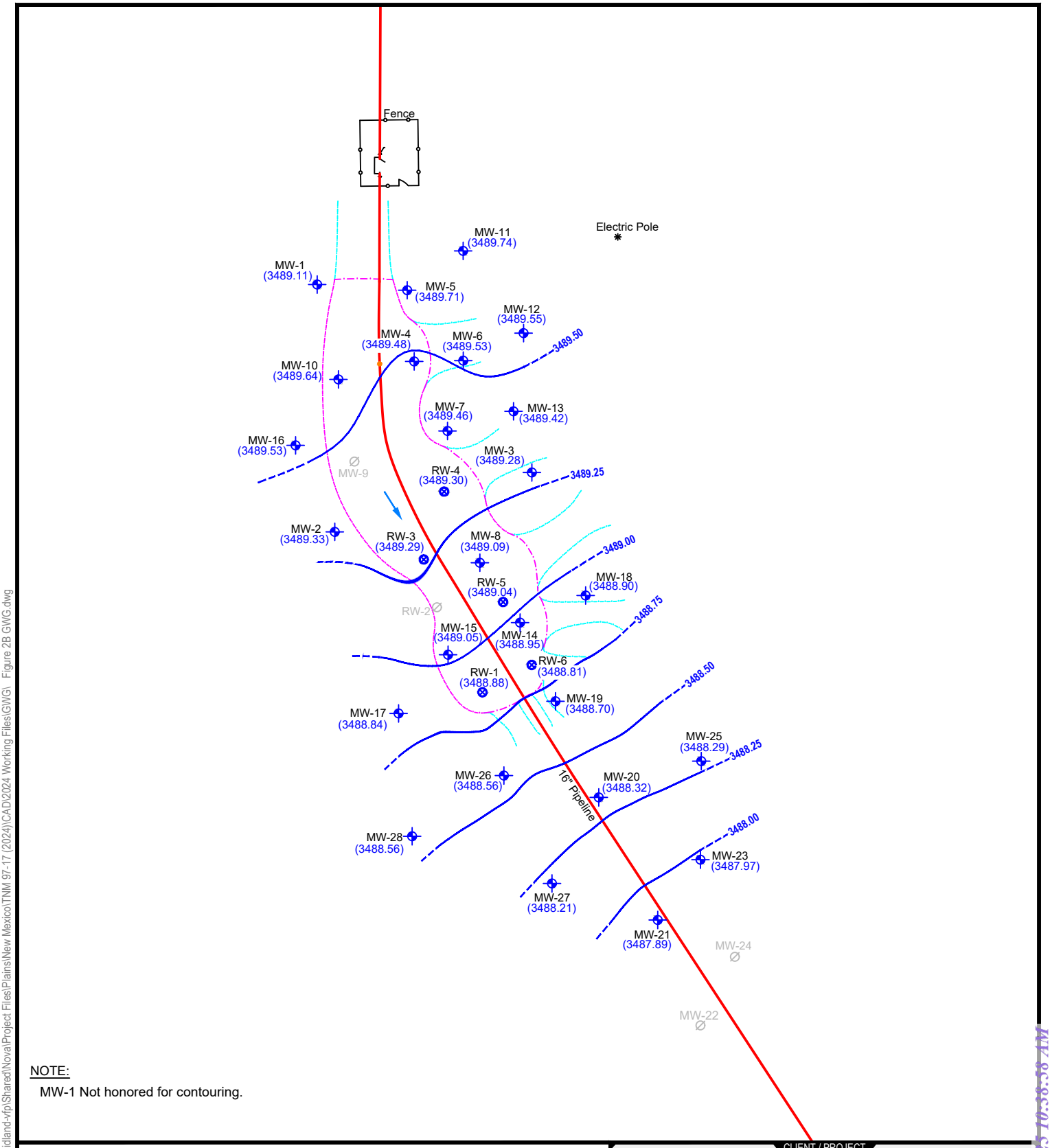
LAST EDIT: 03/24/2025 - FILE LOCATION: HOU \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GWG\ Figure 2A GWG.dwg

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DRAWING By: Oskar Fonseka - FILE NAME: Figure 2A GWG.dwg

DRAWING NAME: \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GWG\ Figure 2B GWG.dwg --- PLOT DATE: March 24, 2025 - 1:47PM --- LAYOUT: Layout1

Page 32 of 630



NOTE:

MW-1 Not honored for contouring.

LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- RECOVERY WELL LOCATION
- 3490.00 — GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED)
- CONTOUR INTERVAL = 0.25 FOOT
- (3490.00) — GROUNDWATER ELEVATION (FT MSL)
- (ND) — NO ELEVATION OR GAUGING DATA AVAILABLE
- GROUNDWATER FLOW DIRECTION

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

INFERRED GROUNDWATER GRADIENT MAP (June 17, 2024)

DRAWN BY: J. OBrien	REQUEST BY: J. Fergerson	PROJECT NO. 014178
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE 2B

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LAST EDIT: 03/24/2025 - FILE LOCATION: HOU \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GWG\ Figure 2B GWG.dwg

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DRAWING By: Oskar Fonseka - FILE NAME: Figure 2B GWG.dwg

Page 33 of 630

CLIENT / PROJECT

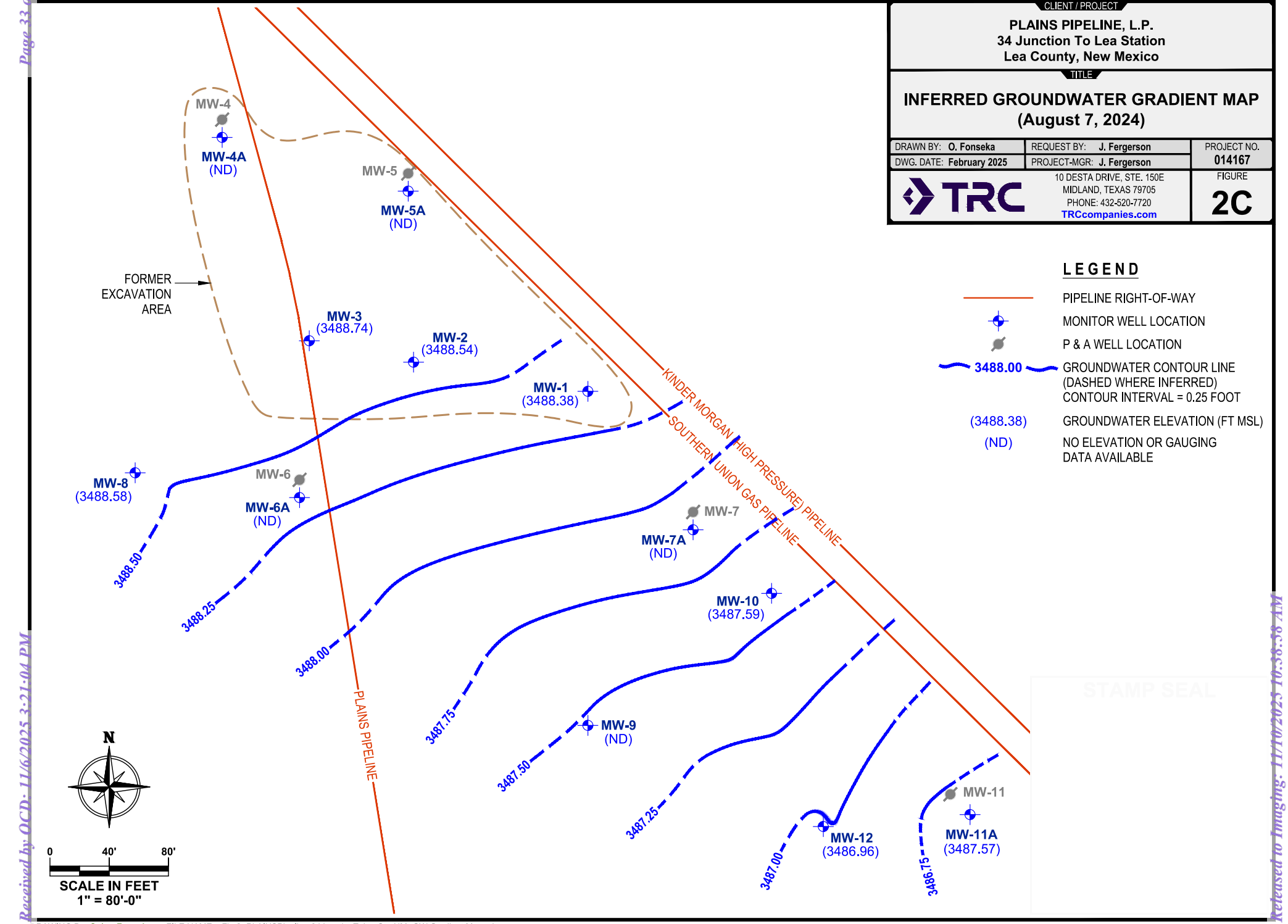
PLAINS PIPELINE, L.P.
34 Junction To Lea Station
Lea County, New Mexico

TITLE

INFERRED GROUNDWATER GRADIENT MAP (August 7, 2024)

DRAWN BY: O. Fonseka	REQUEST BY: J. Fergerson	PROJECT NO. 014167
DWG. DATE: February 2025	PROJECT-MGR: J. Fergerson	FIGURE 2C

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LEGEND

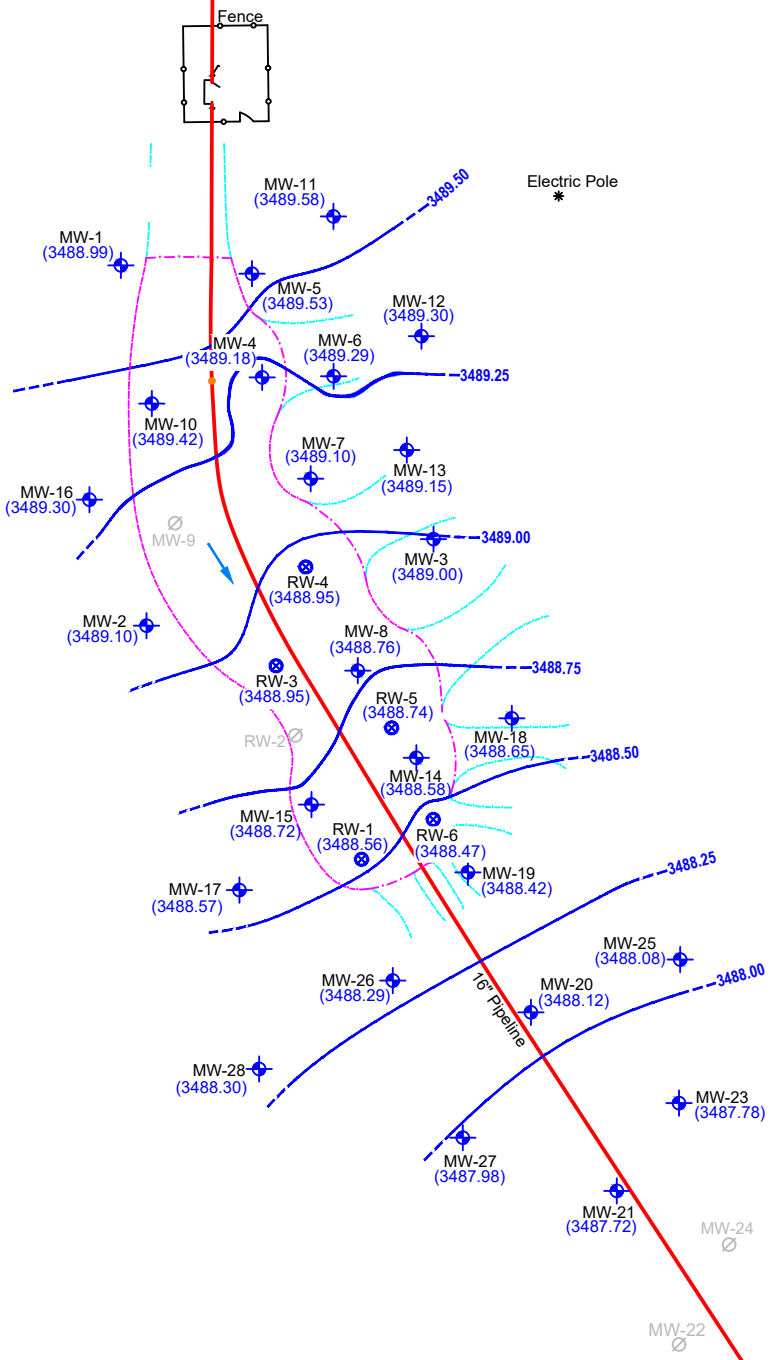
- PIPELINE RIGHT-OF-WAY
- MONITOR WELL LOCATION
- P & A WELL LOCATION
- 3488.00 — GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED) CONTOUR INTERVAL = 0.25 FOOT
- (3488.38) — GROUNDWATER ELEVATION (FT MSL)
- (ND) — NO ELEVATION OR GAUGING DATA AVAILABLE

STAMP SEAL

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DRAWING NAME: \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\GWG\ Figure 2D GWG.dwg --- PLOT DATE: March 25, 2025 - 7:56AM --- LAYOUT: Layout1

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NOTE:

MW-1 Not honored for contouring.

LEGEND

- PIPELINE
- MONITOR WELL LOCATION
- RECOVERY WELL LOCATION
- 3490.00 — GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED)
- CONTOUR INTERVAL = 0.25 FOOT
- (3490.00) — GROUNDWATER ELEVATION (FT MSL)
- (ND) — NO ELEVATION OR GAUGING DATA AVAILABLE
- GROUNDWATER FLOW DIRECTION

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

INFERRED GROUNDWATER GRADIENT MAPS (December 9, 2024)

DRAWN BY: J. OBrien	REQUEST BY: J. Fergerson	PROJECT NO. 014178
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

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FIGURE **2D**

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DRAWING By: Oskar Fonseka - FILE NAME: Figure 2D GWG.dwg

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CLIENT / PROJECT

PLAINS PIPELINE, L.P.
34 Junction To Lea Station
Lea County, New Mexico

TITLE

GROUNDWATER CONCENTRATION & INFERRED PSH EXTENT MAP (February 22, 2024)

DRAWN BY: O. Fonseka	REQUEST BY: J. Fergerson	PROJECT NO. 014167
DWG. DATE: February 2025	PROJECT-MGR: J. Fergerson	

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FIGURE **3A**

SAMPLE LOCATION: MW-5A	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-2	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00607
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-1	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.136**
TOLUENE	0.00159
ETHYLBENZENE	0.0155
TOTAL XYLENES	0.0061

SAMPLE LOCATION: MW-4A	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00101
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-3	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.579**
TOLUENE	0.00289
ETHYLBENZENE	0.00420
TOTAL XYLENES	0.0232

SAMPLE LOCATION: MW-6A	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.906**
TOLUENE	0.00104
ETHYLBENZENE	0.0136
TOTAL XYLENES	0.0466

SAMPLE LOCATION: MW-7A	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.266**
TOLUENE	0.00355
ETHYLBENZENE	0.00305
TOTAL XYLENES	0.00901

SAMPLE LOCATION: MW-10	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0618**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-11A	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-9	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-12	
SAMPLE DATE: 02/22/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

MW-4 MW-4A MW-5 MW-5A MW-3 MW-2 MW-1 MW-8 (NS) MW-6 MW-6A MW-7 MW-7A MW-10 MW-9 MW-11 MW-11A MW-12

FORMER EXCAVATION AREA

KINDER MORGAN (HIGH PRESSURE) PIPELINE

SOUTHERN UNION GAS PIPELINE

PLAINS PIPELINE

LEGEND

- PIPELINE RIGHT-OF-WAY
- MONITOR WELL LOCATION
- P & A WELL LOCATION
- (NS) NOT SCHEDULED FOR SAMPLING
- mg/L MILLIGRAMS PER LITER

N

0 40' 80'

SCALE IN FEET
1" = 80'-0"

STAMP SEAL

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:38 AM

Page 36 of 630

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
34 Junction To Lea Station
Lea County, New Mexico

TITLE

GROUNDWATER CONCENTRATION & INFERRED PSH EXTENT MAP (May 16, 2024)

DRAWN BY: O. Fonseka	REQUEST BY: J. Fergerson	PROJECT NO. 014167
DWG. DATE: February 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE **3B**

SAMPLE LOCATION: MW-5A	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	0.00114
ETHYLBENZENE	0.00139
TOTAL XYLENES	0.00288

SAMPLE LOCATION: MW-2	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00862
TOLUENE	<0.00100
ETHYLBENZENE	0.0117
TOTAL XYLENES	0.00439

SAMPLE LOCATION: MW-1	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.181**
TOLUENE	0.00231
ETHYLBENZENE	0.1180
TOTAL XYLENES	0.0538

SAMPLE LOCATION: MW-4A	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-3	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.745**
TOLUENE	0.00256
ETHYLBENZENE	0.00421
TOTAL XYLENES	0.0265

SAMPLE LOCATION: MW-6A	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.917**
TOLUENE	0.00136
ETHYLBENZENE	0.0301
TOTAL XYLENES	0.0798

SAMPLE LOCATION: MW-7A	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.253**
TOLUENE	0.00246
ETHYLBENZENE	0.00326
TOTAL XYLENES	0.00752

SAMPLE LOCATION: MW-10	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0657**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	0.00228

SAMPLE LOCATION: MW-11A	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	0.00213

SAMPLE LOCATION: MW-9	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-12	
SAMPLE DATE: 05/16/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	0.00235

MW-4
MW-4A
MW-5
MW-5A
MW-3
MW-2
MW-1
MW-8 (NS)
MW-6
MW-6A
MW-7
MW-7A
MW-10
MW-9
MW-12
MW-11
MW-11A

FORMER EXCAVATION AREA

KINDER MORGAN (HIGH PRESSURE) PIPELINE
SOUTHERN UNION GAS PIPELINE
PLAINS PIPELINE

LEGEND

- PIPELINE RIGHT-OF-WAY
- MONITOR WELL LOCATION
- P & A WELL LOCATION
- (NS) NOT SCHEDULED FOR SAMPLING
- mg/L MILLIGRAMS PER LITER

N

0 40' 80'

SCALE IN FEET
1" = 80'-0"

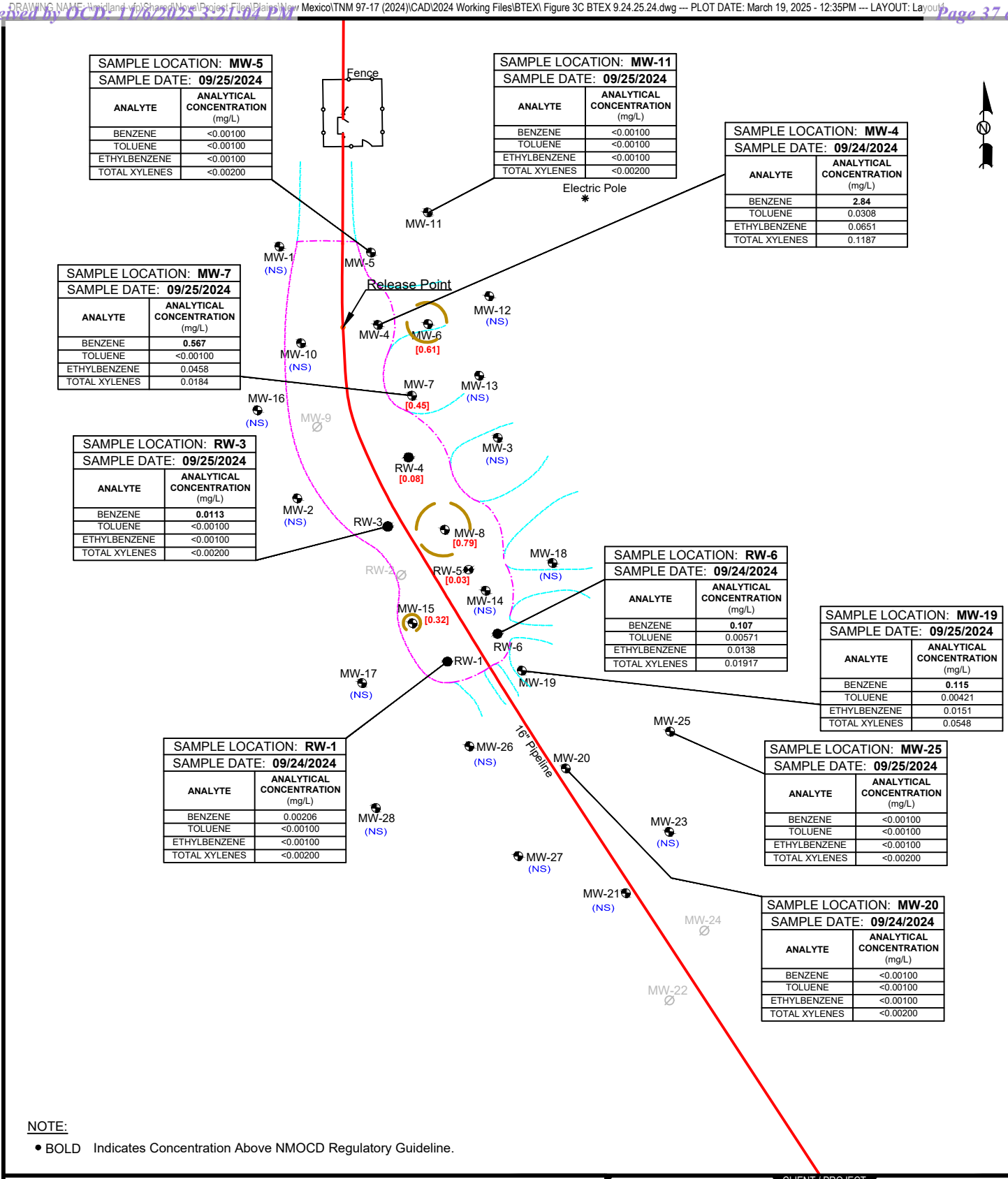
STAMP SEAL

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DRAWING NAME: \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\BTEX\ Figure 3C BTEX 9.24.25.24.dwg --- PLOT DATE: March 19, 2025 - 12:35PM --- LAYOUT: Layout1



SAMPLE LOCATION: **MW-5**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: **MW-11**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: **MW-4**	
SAMPLE DATE: **09/24/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	**2.84**
TOLUENE	0.0308
ETHYLBENZENE	0.0651
TOTAL XYLENES	0.1187

SAMPLE LOCATION: **MW-7**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	**0.567**
TOLUENE	<0.00100
ETHYLBENZENE	0.0458
TOTAL XYLENES	0.0184

SAMPLE LOCATION: **RW-3**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	**0.0113**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: **RW-6**	
SAMPLE DATE: **09/24/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	**0.107**
TOLUENE	0.00571
ETHYLBENZENE	0.0138
TOTAL XYLENES	0.01917

SAMPLE LOCATION: **MW-19**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	**0.115**
TOLUENE	0.00421
ETHYLBENZENE	0.0151
TOTAL XYLENES	0.0548

SAMPLE LOCATION: **RW-1**	
SAMPLE DATE: **09/24/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	0.00206
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: **MW-25**	
SAMPLE DATE: **09/25/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: **MW-20**	
SAMPLE DATE: **09/24/2024**	
ANALYTE	**ANALYTICAL CONCENTRATION** (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

NOTE:

- BOLD Indicates Concentration Above NMOCD Regulatory Guideline.

LEGEND

	PIPELINE
⊕	MONITOR WELL LOCATION
●	RECOVERY WELL LOCATION
[3.67]	PHASE SEPARATED HYDROCARBON THICKNESS
(NS)	NOT SCHEDULED FOR SAMPLING
mg/L	MILLIGRAMS PER LITER

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

GROUNDWATER CONCENTRATION & INFERRED PSH EXTENT MAP (September 24-25, 2024)

DRAWN BY: **K. Stark**	REQUEST BY: **J. Fergerson**	PROJECT NO. **014178**
DWG. DATE: **March 2025**	PROJECT-MGR: **J. Fergerson**	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE **3C**

LAST EDIT: 03/19/2025 - FILE LOCATION: HOU \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\BTEX\ Figure 3C BTEX 9.24.25.24.dwg

Released to Imaging: 11/10/2025 10:38:38 AM
DRAWING BY: Oskar Orzeka FILE NAME: Figure 3C BTEX 9.24.25.24.dwg

Received by OCD: 11/6/2023 3:21:04 PM

DRAWING NAME: \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\BTEX\ Figure 3D BTEX 12.09.10.11.24.dwg --- PLOT DATE: March 19, 2025 - 12:35PM --- LAYOUT: Layout1

SAMPLE LOCATION: MW-1	
SAMPLE DATE: 12/09/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-10	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	0.00212
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-5	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-11	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-4	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**1.86**
TOLUENE	0.00526
ETHYLBENZENE	0.0600
TOTAL XYLENES	0.0954

SAMPLE LOCATION: MW-7	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.218**
TOLUENE	<0.00100
ETHYLBENZENE	0.00791
TOTAL XYLENES	0.00313

SAMPLE LOCATION: MW-12	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-13	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-16	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-3	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-18	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: RW-3	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.0398**
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: RW-6	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.120**
TOLUENE	0.00693
ETHYLBENZENE	0.0099
TOTAL XYLENES	0.0164

SAMPLE LOCATION: MW-2	
SAMPLE DATE: 12/09/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: RW-5	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.304**
TOLUENE	0.00159
ETHYLBENZENE	0.0244
TOTAL XYLENES	0.0386

SAMPLE LOCATION: MW-19	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	**0.114**
TOLUENE	<0.00100
ETHYLBENZENE	0.00354
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-25	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-15	
SAMPLE DATE: 12/11/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00630
TOLUENE	0.0170
ETHYLBENZENE	0.0578
TOTAL XYLENES	0.0501

SAMPLE LOCATION: MW-23	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-17	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: RW-1	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	0.00297
TOLUENE	0.00204
ETHYLBENZENE	0.00535
TOTAL XYLENES	0.00339

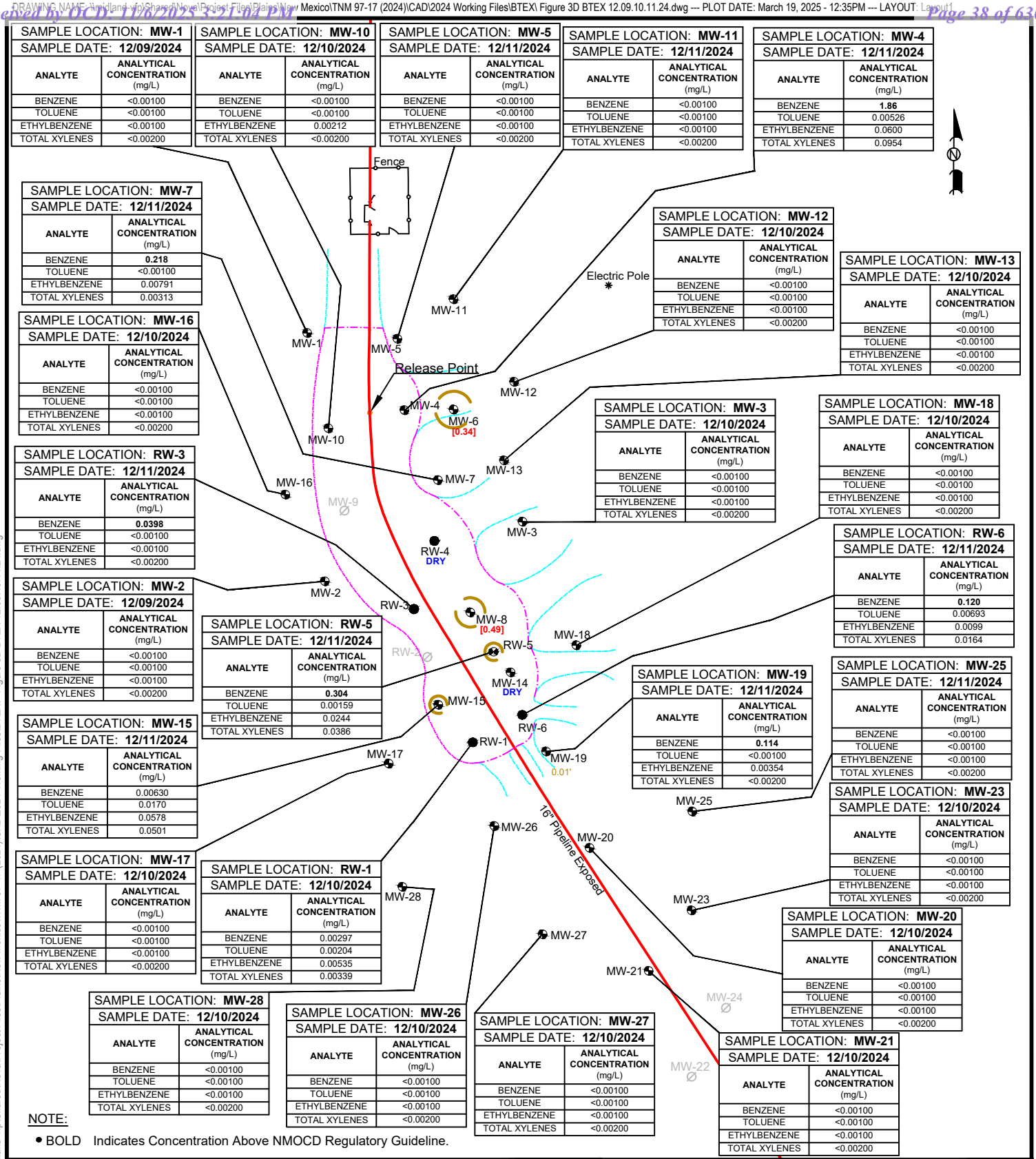
SAMPLE LOCATION: MW-20	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-28	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-26	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-27	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200

SAMPLE LOCATION: MW-21	
SAMPLE DATE: 12/10/2024	
ANALYTE	ANALYTICAL CONCENTRATION (mg/L)
BENZENE	<0.00100
TOLUENE	<0.00100
ETHYLBENZENE	<0.00100
TOTAL XYLENES	<0.00200



NOTE:

- BOLD Indicates Concentration Above NMOCD Regulatory Guideline.

LEGEND

	PIPELINE
⊕	MONITOR WELL LOCATION
●	RECOVERY WELL LOCATION
[3.67]	PHASE SEPARATED HYDROCARBON THICKNESS
(NS)	NOT SCHEDULED FOR SAMPLING
mg/L	MILLIGRAMS PER LITER

N

0 50' 100'

SCALE IN FEET
1" = 100'-0"

CLIENT / PROJECT

PLAINS PIPELINE, L.P.
TNM 97-17
Lea County, New Mexico

TITLE

GROUNDWATER CONCENTRATION & INFERRED PSH EXTENT MAP (December 10-11, 2024)

DRAWN BY: K. Stark	REQUEST BY: J. Fergerson	PROJECT NO. 014178
DWG. DATE: March 2025	PROJECT-MGR: J. Fergerson	

TRC
10 DESTA DRIVE, STE. 150E
MIDLAND, TEXAS 79705
PHONE: 432-520-7720
TRCcompanies.com

FIGURE 3D

LAST EDIT: 03/19/2025 - FILE LOCATION: HOU \\midland-vfp\Shared\Nova\Project Files\Plains\New Mexico\TNM 97-17 (2024)\CAD\2024 Working Files\BTEX\ Figure 3D BTEX 12.09.10.11.24.dwg

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DRAWING BY: Ustark FILE NAME: Figure 3D BTEX 12.09.10.11.24.dwg

TABLES

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	
MW - 1	Manny	02/26/24	3511.93	34.40	-	22.32	0.00	3489.61
MW - 1	Manny	06/17/24	3511.93	34.40	-	22.82	0.00	3489.11
MW - 1	Manny	09/23/24	3511.93	-	-	23.21	0.00	3488.72
MW - 1	Manny	12/09/24	3511.93	34.36	-	22.94	0.00	3488.99
MW - 2	Manny	02/26/24	3510.19	32.58	-	20.49	0.00	3489.70
MW - 2	Manny	06/17/24	3510.19	32.58	-	20.86	0.00	3489.33
MW - 2	Manny	09/23/24	3510.19	-	-	21.30	0.00	3488.89
MW - 2	Manny	12/09/24	3510.19	32.61	-	21.09	0.00	3489.10
MW - 3	Manny	02/26/24	3509.87	28.61	-	20.26	0.00	3489.61
MW - 3	Manny	06/17/24	3509.87	28.61	-	20.59	0.00	3489.28
MW - 3	Manny	09/23/24	3509.87	-	-	21.04	0.00	3488.83
MW - 3	Manny	12/09/24	3509.87	28.58	-	20.87	0.00	3489.00
MW - 4	Manny	02/26/24	3513.35	32.43	-	23.52	0.00	3489.83
MW - 4	Manny	06/17/24	3513.35	32.19	-	23.87	0.00	3489.48
MW - 4	Manny	09/23/24	3513.35	32.14	-	24.30	0.00	3489.05
MW - 4	Manny	12/09/24	3513.35	32.19	-	24.17	0.00	3489.18
MW - 5	Manny	02/26/24	3513.99	30.40	-	23.85	0.00	3490.14
MW - 5	Manny	06/17/24	3513.99	30.40	-	24.28	0.00	3489.71
MW - 5	Manny	09/23/24	3513.99	30.38	-	24.68	0.00	3489.31
MW - 5	Manny	12/09/24	3513.99	30.40	-	24.46	0.00	3489.53
MW - 6	Manny	01/25/24	3512.05	-	22.22	22.88	0.66	3489.73
MW - 6	Manny	02/21/24	3512.05	-	22.10	22.82	0.72	3489.84
MW - 6	Manny	02/26/24	3512.05	-	22.15	22.43	0.28	3489.86
MW - 6		03/14/24	3512.05	-	22.08	22.53	0.45	3489.90
MW - 6		04/12/24	3512.05	-	22.03	22.63	0.60	3489.93
MW - 6		05/01/24	3512.05	-	-	22.00	0.00	3490.05
MW - 6		06/17/24	3512.05	-	22.50	22.65	0.15	3489.53
MW - 6		06/28/24	3512.05	-	22.61	22.95	0.34	3489.39
MW - 6		07/25/24	3512.05	-	22.59	23.59	1.00	3489.31
MW - 6		08/09/24	3512.05	-	22.86	23.36	0.50	3489.12
MW - 6		09/23/24	3512.05	-	22.93	23.54	0.61	3489.03
MW - 6		10/17/24	3512.05	-	23.03	23.38	0.35	3488.97
MW - 6		11/26/24	3512.05	-	22.82	23.19	0.37	3489.17
MW - 6	Manny	12/09/24	3512.05	-	22.71	23.05	0.34	3489.29
MW - 6		12/30/24	3512.05	-	22.68	23.04	0.36	3489.32
MW - 7	Manny	02/26/24	3511.57	26.66	-	21.83	0.00	3489.74
MW - 7	Manny	05/01/24	3511.57	26.70	-	21.68	0.00	3489.89
MW - 7	Manny	06/17/24	3511.57	26.66	22.09	22.22	0.13	3489.46
MW - 7	Manny	09/10/24	3511.57	26.66	29.58	30.25	0.67	3481.89
MW - 7	Manny	09/23/24	3511.57	26.63	22.55	23.00	0.45	3488.95
MW - 7	Manny	10/17/24	3511.57	-	-	22.37	0.00	3489.20
MW - 7	Manny	12/09/24	3511.57	26.50	22.39	22.47	0.08	3489.17
MW - 8	Manny	02/26/24	3511.82	-	22.40	22.71	0.31	3489.37
MW - 8	Manny	06/17/24	3511.82	-	22.63	23.27	0.64	3489.09
MW - 8	Manny	09/23/24	3511.82	-	23.13	23.92	0.79	3488.57
MW - 8	Manny	12/09/24	3511.82	-	22.99	23.48	0.49	3488.76
MW - 10	Manny	02/26/24	3513.79	29.19	-	23.75	0.00	3490.04
MW - 10	Manny	06/17/24	3513.79	29.19	-	24.15	0.00	3489.64
MW - 10	Manny	09/23/24	3513.79	-	-	24.59	0.00	3489.20
MW - 10	Manny	12/09/24	3513.79	29.17	-	24.37	0.00	3489.42

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	
MW - 11	Manny	02/26/24	3512.89	29.57	-	22.70	0.00	3490.19
MW - 11	Manny	06/17/24	3512.89	29.55	-	23.15	0.00	3489.74
MW - 11	Manny	09/23/24	3512.89	29.49	-	23.54	0.00	3489.35
MW - 11	Manny	12/09/24	3512.89	29.49	-	23.31	0.00	3489.58
MW - 12	Manny	02/26/24	3509.69	25.54	-	19.79	0.00	3489.90
MW - 12	Manny	06/17/24	3509.69	25.54	-	20.14	0.00	3489.55
MW - 12	Manny	09/23/24	3509.69	-	-	20.57	0.00	3489.12
MW - 12	Manny	12/09/24	3509.69	25.44	-	20.39	0.00	3489.30
MW - 13	Manny	02/26/24	3509.57	24.52	-	19.82	0.00	3489.75
MW - 13	Manny	06/17/24	3509.57	24.52	-	20.15	0.00	3489.42
MW - 13	Manny	09/23/24	3509.57	-	-	20.61	0.00	3488.96
MW - 13	Manny	12/09/24	3509.57	24.46	-	20.42	0.00	3489.15
MW - 14	Manny	02/26/24	3511.85	23.40	-	22.62	0.00	3489.23
MW - 14	Manny	06/17/24	3511.85	23.40	-	22.90	0.00	3488.95
MW - 14	Manny	09/23/24	3511.85	23.49	-	23.39	0.00	3488.46
MW - 14	Manny	12/09/24	3511.85	23.49	-	23.27	0.00	3488.58
MW - 15	Manny	02/26/24	3511.77	-	22.44	22.48	0.04	3489.32
MW - 15	Manny	05/01/24	3511.77	-	-	22.30	0.00	3489.47
MW - 15	Manny	06/17/24	3511.77	30.02	-	22.72	0.00	3489.05
MW - 15	Manny	09/23/24	3511.77	-	23.22	23.54	0.32	3488.50
MW - 15	Manny	12/09/24	3511.77	30.02	-	23.05	0.00	3488.72
MW - 16	Manny	02/26/24	3510.44	27.09	-	20.54	0.00	3489.90
MW - 16	Manny	06/17/24	3510.44	27.09	-	20.91	0.00	3489.53
MW - 16	Manny	09/23/24	3510.44	-	-	21.36	0.00	3489.08
MW - 16	Manny	12/09/24	3510.44	27.07	-	21.14	0.00	3489.30
MW - 17	Manny	02/26/24	3509.33	26.60	-	20.16	0.00	3489.17
MW - 17	Manny	06/17/24	3509.33	26.60	-	20.49	0.00	3488.84
MW - 17	Manny	09/23/24	3509.33	-	-	20.94	0.00	3488.39
MW - 17	Manny	12/09/24	3509.33	26.58	-	20.76	0.00	3488.57
MW - 18	Manny	02/26/24	3510.17	24.86	-	20.92	0.00	3489.25
MW - 18	Manny	06/17/24	3510.17	24.86	-	21.27	0.00	3488.90
MW - 18	Manny	09/23/24	3510.17	-	-	21.69	0.00	3488.48
MW - 18	Manny	12/09/24	3510.17	24.81	-	21.52	0.00	3488.65
MW - 19	Manny	02/26/24	3511.96	27.08	-	22.99	0.00	3488.97
MW - 19	Manny	06/17/24	3511.96	27.11	-	23.26	0.00	3488.70
MW - 19	Manny	09/23/24	3511.96	27.08	23.71	23.94	0.23	3488.22
MW - 19	Manny	10/17/24	3511.96	-	23.78	23.83	0.05	3488.17
MW - 19	Manny	11/26/24	3511.96	-	22.85	22.93	0.08	3489.10
MW - 19	Manny	12/09/24	3511.96	27.09		23.54	0.00	3488.42
MW - 20	Manny	02/26/24	3509.47	23.78	-	20.76	0.00	3488.71
MW - 20	Manny	06/17/24	3509.47	23.78	-	21.15	0.00	3488.32
MW - 20	Manny	09/23/24	3509.47	23.78	-	21.54	0.00	3487.93
MW - 20	Manny	12/09/24	3509.47	23.80	-	21.35	0.00	3488.12
MW - 21	Manny	02/26/24	3508.05	25.76	-	19.75	0.00	3488.30
MW - 21	Manny	06/17/24	3508.05	25.76	-	20.16	0.00	3487.89
MW - 21	Manny	09/23/24	3508.05	-	-	20.50	0.00	3487.55
MW - 21	Manny	12/09/24	3508.05	25.75	-	20.33	0.00	3487.72
MW - 23	Manny	02/26/24	3510.83	29.32	-	22.45	0.00	3488.38

TABLE 1

2024 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	
MW - 23	Manny	06/17/24	3510.83	29.28	-	22.86	0.00	3487.97
MW - 23	Manny	09/23/24	3510.83	-	-	23.23	0.00	3487.60
MW - 23	Manny	12/09/24	3510.83	29.25	-	23.05	0.00	3487.78
MW - 25	Manny	02/26/24	3510.71	28.96	-	22.04	0.00	3488.67
MW - 25		06/17/24	3510.71	28.98	-	22.42	0.00	3488.29
MW - 25		09/23/24	3510.71	28.92	-	22.82	0.00	3487.89
MW - 25	Manny	12/09/24	3510.71	28.91	-	22.63	0.00	3488.08
MW - 26	Manny	02/26/24	3508.57	26.78	-	19.67	0.00	3488.90
MW - 26	Manny	06/17/24	3508.57	26.78	-	20.01	0.00	3488.56
MW - 26	Manny	09/23/24	3508.57	-	-	20.49	0.00	3488.08
MW - 26	Manny	12/09/24	3508.57	26.75	-	20.28	0.00	3488.29
MW - 27	Manny	02/26/24	3508.73	28.43	-	20.15	0.00	3488.58
MW - 27	Manny	06/17/24	3508.73	28.33	-	20.52	0.00	3488.21
MW - 27	Manny	09/23/24	3508.73	-	-	20.93	0.00	3487.80
MW - 27	Manny	12/09/24	3508.73	28.28	-	20.75	0.00	3487.98
MW - 28	Manny	02/26/24	3509.44	30.25	-	20.54	0.00	3488.90
MW - 28	Manny	06/17/24	3509.44	30.25	-	20.88	0.00	3488.56
MW - 28	Manny	09/23/24	3509.44	-	-	21.31	0.00	3488.13
MW - 28	Manny	12/09/24	3509.44	30.30	-	21.14	0.00	3488.30
RW - 1	Manny	02/26/24	3512.54	29.61	-	23.36	0.00	3489.18
RW - 1	Manny	06/17/24	3512.54	29.69	-	23.66	0.00	3488.88
RW - 1	Manny	09/23/24	3512.54	29.63	-	24.14	0.00	3488.40
RW - 1	Manny	12/09/24	3512.54	29.61	-	23.98	0.00	3488.56
RW - 3	Manny	02/26/24	3512.17	32.08	-	22.61	0.00	3489.56
RW - 3	Manny	06/17/24	3512.17	32.04	-	22.88	0.00	3489.29
RW - 3	Manny	09/23/24	3512.17	32.03	-	23.39	0.00	3488.78
RW - 3	Manny	12/09/24	3512.17	32.02	-	23.22	0.00	3488.95
RW - 4	Manny	02/26/24	3512.62	24.46	-	23.02	0.00	3489.60
RW - 4	Manny	06/17/24	3512.62	24.49	-	23.32	0.00	3489.30
RW - 4	Manny	09/23/24	3512.62	-	23.82	23.90	0.08	3488.79
RW - 4	Manny	12/09/24	3512.62	24.48	-	23.67	0.00	3488.95
RW - 5	Manny	02/26/24	3512.12	33.58	-	22.75	0.00	3489.37
RW - 5	Manny	06/17/24	3512.12	33.60	-	23.08	0.00	3489.04
RW - 5	Manny	09/23/24	3512.12	-	23.50	23.53	0.03	3488.62
RW - 5	Manny	12/09/24	3512.12	30.79	-	23.38	0.00	3488.74
RW - 6	Manny	02/26/24	3512.44	28.03	-	23.33	0.00	3489.11
RW - 6	Manny	06/17/24	3512.44	28.05	-	23.63	0.00	3488.81
RW - 6	Manny	09/23/24	3512.44	28.02	-	24.10	0.00	3488.34
RW - 6	Manny	12/09/24	3512.44	28.06	-	23.97	0.00	3488.47

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3. Dry = No fluid gauged for corresponding well.
4. P&A = Plugged and Abandoned.
5. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).
6. Elevations based on the North American Vertical Datum of 1929.
7. 2014 resurvey elevations based on the North American Vertical Datum of 1988.

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 1	02/27/24	NS	-	-	-
MW - 1	06/17/24	NS	-	-	-
MW - 1	09/23/24	NS	-	-	-
MW - 1	12/09/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	02/27/24	NS	-	-	-
MW - 2	06/17/24	NS	-	-	-
MW - 2	09/23/24	NS	-	-	-
MW - 2	12/09/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	02/27/24	NS	-	-	-
MW - 3	06/17/24	NS	-	-	-
MW - 3	09/23/24	NS	-	-	-
MW - 3	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	02/27/24	**1.29**	0.00950	0.0203	0.0502
MW - 4	06/19/24	**1.05**	0.0107	0.0265	0.09262
MW - 4	09/24/24	**2.84**	0.0308	0.0651	0.1187
MW - 4	12/11/24	**1.86**	0.00526	0.0600	0.0954
MW - 5	02/28/24	0.00379	<0.00100	<0.00100	<0.00200
MW - 5	06/18/24	0.00423	<0.00100	<0.00100	<0.00200
MW - 5	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	02/27/24	PSH	-	-	-
MW - 6	02/27/24	PSH	-	-	-
MW - 6	06/17/24	PSH	-	-	-
MW - 6	09/23/24	PSH	-	-	-
MW - 6	12/09/24	PSH	-	-	-
MW - 7	02/28/24	**0.381**	<0.00100	0.0138	0.00560
MW - 7	06/18/24	**0.176**	<0.00100	0.00429	<0.00200
MW - 7	09/25/24	**0.567**	<0.00100	0.0458	0.0184
MW - 7	12/11/24	**0.218**	<0.00100	0.00791	0.00313
MW - 8	02/27/24	PSH	-	-	-
MW - 8	06/17/24	PSH	-	-	-
MW - 8	09/23/24	PSH	-	-	-
MW - 8	12/09/24	PSH	-	-	-
MW - 10	02/27/24	NS	-	-	-
MW - 10	06/17/24	NS	-	-	-
MW - 10	09/23/24	NS	-	-	-
MW - 10	12/10/24	<0.00100	<0.00100	0.00212	<0.00200

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 11	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	02/27/24	NS	-	-	-
MW - 12	06/17/24	NS	-	-	-
MW - 12	09/23/24	NS	-	-	-
MW - 12	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	02/27/24	NS	-	-	-
MW - 13	06/17/24	NS	-	-	-
MW - 13	09/23/24	NS	-	-	-
MW - 13	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 14	02/27/24	**0.228**	0.00185	0.171	0.04331
MW - 14	06/18/24	**0.142**	<0.00100	0.0936	0.0189
MW - 14	09/23/24	NS	-	-	-
MW - 14	12/09/24	Dry	-	-	-
MW - 15	02/27/24	-	-	-	-
MW - 15	06/19/24	**0.0105**	0.00905	<0.00100	0.0302
MW - 15	09/23/24	PSH	-	-	-
MW - 15	12/11/24	0.00630	0.0170	0.0578	0.0501
			.		
MW - 16	02/27/24	NS	-	-	-
MW - 16	06/17/24	NS	-	-	-
MW - 16	09/23/24	NS	-	-	-
MW - 16	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	02/27/24	NS	-	-	-
MW - 17	06/17/24	NS	-	-	-
MW - 17	09/23/24	NS	-	-	-
MW - 17	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	02/27/24	NS	-	-	-
MW - 18	06/17/24	NS	-	-	-
MW - 18	09/23/24	NS	-	-	-
MW - 18	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 19	02/28/24	**0.160**	0.00105	0.00372	<0.00200
MW - 19	06/18/24	**0.848**	<0.00100	0.0110	0.00488
MW - 19	09/25/24	**0.115**	0.00421	0.0151	0.0548
MW - 19	12/11/24	**0.114**	<0.00100	0.00354	<0.00200
MW - 20	02/27/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 20	09/24/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	02/27/24	NS	-	-	-
MW - 21	06/17/24	NS	-	-	-
MW - 21	09/23/24	NS	-	-	-
MW - 21	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	02/27/24	NS	-	-	-
MW - 23	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	09/23/24	NS	-	-	-
MW - 23	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	02/27/24	NS	-	-	-
MW - 26	06/17/24	NS	-	-	-
MW - 26	09/23/24	NS	-	-	-
MW - 26	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	02/27/24	NS	-	-	-
MW - 27	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/23/24	NS	-	-	-
MW - 27	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	02/24/24	NS	-	-	-
MW - 28	06/17/24	NS	-	-	-
MW - 28	09/23/24	NS	-	-	-
MW - 28	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 1	02/27/24	0.00117	0.00230	0.00301	0.00780
RW - 1	06/18/24	0.00487	0.00255	0.00433	0.00757
RW - 1	09/24/24	0.00206	<0.00100	<0.00100	<0.00200
RW - 1	12/10/24	0.00297	0.00204	0.00535	0.00339
RW - 3	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	06/18/24	**0.202**	<0.00100	<0.00100	<0.00200
RW - 3	09/25/24	**0.0113**	<0.00100	<0.00100	<0.00200
RW - 3	12/11/24	**0.0398**	<0.00100	<0.00100	<0.00200
RW - 4	02/27/24	**0.271**	<0.00100	0.0813	0.0394

TABLE 2

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 4	06/19/24	**0.220**	<0.00100	0.0684	0.0378
RW - 4	09/25/24	PSH	-	-	-
RW - 4	12/09/24	Dry	-	-	-
RW - 5	02/27/24	**0.320**	0.00329	0.0313	0.04189
RW - 5	06/19/24	**0.310**	0.00703	0.0539	0.07914
RW - 5	09/23/24	PSH	-	-	-
RW - 5	12/11/24	**0.304**	0.00159	0.0244	0.0386
RW - 6	02/27/24	**0.0991**	0.0105	0.0169	0.0393
RW - 6	06/18/24	**0.103**	0.00587	0.00690	0.01908
RW - 6	09/24/24	**0.107**	0.00571	0.0138	0.01917
RW - 6	12/11/24	**0.120**	0.00693	0.0099	0.0164

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. < - Not detected above the Sample Detection Limit.
5. NS - Not sampled.
6. '- - No data available for corresponding date.
7. PSH - Phase Separated Hydrocarbons.
8. P&A - Plugged and abandoned.

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

TABLE 3

2024 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-1	12/09/24	NS																		
MW-2	12/09/24	NS																		
MW-3	12/09/24	NS																		
MW-4	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.0009	<0.000083	**0.0011**	<0.000083	**0.0365**			<0.000083
MW-5	12/09/24	NS																		
MW-6	12/09/24	PSH																		
MW-7	12/09/24	PSH																		
MW-8	12/09/24	PSH																		
MW-10	12/09/24	NS																		
MW-11	12/09/24	NS																		
MW-12	12/09/24	NS																		
MW-13	12/09/24	NS																		
MW-14	12/09/24	DRY																		
MW-15	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0057**	<0.000083	<0.000083	**0.011**	<0.000083	<0.000083	<0.000083	**0.0491**			<0.000083
MW-16	12/09/24	NS																		
MW-17	12/09/24	NS																		

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

TABLE 3

2024 POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-18	12/09/24	NS																	
MW-19	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.01013			<0.000083
MW-20	12/09/24	NS																	
MW-21	12/09/24	NS																	
MW-23	12/09/24	NS																	
MW-25	12/09/24	NS																	
MW-26	12/09/24	NS																	
MW-27	12/09/24	NS																	
MW-28	12/09/24	NS																	
RW-1	12/09/24	NS																	
RW-3	12/09/24	NS																	
RW-4	12/09/24	DRY																	
RW-5	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0027**	<0.000083	**0.0058**	<0.000083	**0.488**			<0.000083
RW-6	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0016**	<0.000083	**0.0030**	<0.000083	0.0298			<0.000083

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1		03/03/00	3510.90	-	-	22.33	0.00	3488.57
MW - 1		04/11/00	3510.90	-	-	22.31	0.00	3488.59
MW - 1		09/01/00	3510.90	-	-	23.43	0.00	3487.47
MW - 1		11/21/00	3510.90	-	-	23.10	0.00	3487.80
MW - 1		02/22/01	3510.90	-	-	22.54	0.00	3488.36
MW - 1		05/17/01	3510.90	-	-	22.29	0.00	3488.61
MW - 1		08/08/01	3510.90	-	-	23.34	0.00	3487.56
MW - 1		10/24/01	3510.90	-	-	22.58	0.00	3488.32
MW - 1		03/27/02	3510.90	-	-	22.14	0.00	3488.76
MW - 1		05/14/02	3510.90	-	-	21.93	0.00	3488.97
MW - 1		06/20/02	3510.90	-	-	22.02	0.00	3488.88
MW - 1		09/26/02	3510.90	-	-	22.62	0.00	3488.28
MW - 1		11/12/02	3510.90	-	-	22.33	0.00	3488.57
MW - 1		02/12/03	3510.90	-	-	21.95	0.00	3488.95
MW - 1		05/14/03	3510.90	-	-	22.07	0.00	3488.83
MW - 1		08/21/03	3510.90	-	-	23.07	0.00	3487.83
MW - 1		12/10/03	3510.90	-	-	23.04	0.00	3487.86
MW - 1		02/11/04	3510.90	-	-	22.94	0.00	3487.96
MW - 1		05/11/04	3510.90	-	-	21.24	0.00	3489.66
MW - 1		08/25/04	3510.90	-	-	22.22	0.00	3488.68
MW - 1		12/02/04	3510.90	-	-	21.55	0.00	3489.35
MW - 1		03/08/05	3510.90	-	-	20.78	0.00	3490.12
MW - 1		06/08/05	3510.90	-	-	20.30	0.00	3490.60
MW - 1		09/15/05	3510.90	-	-	20.71	0.00	3490.19
MW - 1		12/12/05	3510.90	-	-	20.48	0.00	3490.42
MW - 1		03/16/06	3510.90	-	-	20.38	0.00	3490.52
MW - 1		06/15/06	3510.90	-	-	20.98	0.00	3489.92
MW - 1		09/18/06	3510.90	-	-	20.68	0.00	3490.22
MW - 1		11/30/06	3510.90	-	-	20.72	0.00	3490.18
MW - 1		02/27/07	3510.90	-	-	20.46	0.00	3490.44
MW - 1		05/22/07	3510.90	-	-	20.24	0.00	3490.66
MW - 1		08/15/07	3510.90	-	-	21.09	0.00	3489.81
MW - 1		11/06/07	3510.90	-	-	20.81	0.00	3490.09
MW - 1		02/12/08	3510.90	-	-	25.64	0.00	3485.26
MW - 1		05/13/08	3510.90	-	-	20.56	0.00	3490.34
MW - 1		08/14/08	3510.90	-	-	21.51	0.00	3489.39
MW - 1		11/12/08	3510.90	-	-	20.88	0.00	3490.02
MW - 1		02/10/09	3510.90	-	-	20.73	0.00	3490.17
MW - 1		02/16/09	3510.90	-	-	18.71	0.00	3492.19
MW - 1		05/12/09	3510.90	-	-	20.72	0.00	3490.18
MW - 1		08/10/09	3510.90	-	-	21.50	0.00	3489.40
MW - 1		11/18/09	3510.90	-	-	21.60	0.00	3489.30
MW - 1		01/04/10	3510.90	-	-	21.41	0.00	3489.49
MW - 1		02/09/10	3510.90	-	-	21.33	0.00	3489.57
MW - 1		05/12/10	3510.90	-	-	20.91	0.00	3489.99
MW - 1		08/11/10	3510.90	-	-	20.90	0.00	3490.00
MW - 1		11/11/10	3510.90	-	-	21.62	0.00	3489.28
MW - 1		02/16/11	3510.90	-	-	21.62	0.00	3489.28
MW - 1		05/19/11	3510.90	-	-	21.83	0.00	3489.07
MW - 1		08/10/11	3510.90	-	-	21.84	0.00	3489.06
MW - 1		11/14/11	3510.90	-	-	21.70	0.00	3489.20
MW - 1		02/29/12	3510.90	-	-	21.34	0.00	3489.56
MW - 1		05/02/12	3510.90	-	-	21.29	0.00	3489.61
MW - 1		12/06/12	3510.90	-	-	21.62	0.00	3489.28
MW - 1		02/13/13	3510.90	-	-	21.49	0.00	3489.41
MW - 1		05/22/13	3510.90	-	-	21.35	0.00	3489.55
MW - 1		08/12/13	3510.90	-	-	21.78	0.00	3489.12
MW - 1		11/20/13	3510.90	33.89	-	21.77	0.00	3489.13
MW - 1	John Flores	02/04/14	3511.93	-	-	21.58	0.00	3490.35
MW - 1	Jose & Chance	05/14/14	3511.93	-	-	22.44	0.00	3489.49
MW - 1	Manny	07/22/14	3511.93	-	-	22.20	0.00	3489.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	David	08/05/14	3511.93	-	-	22.27	0.00	3489.66
MW - 1	Manny	10/27/14	3511.93	-	-	21.16	0.00	3490.77
MW - 1	Manny	11/19/14	3511.93	33.70	-	21.09	0.00	3490.84
MW - 1	Manny	02/09/15	3511.93	-	-	20.98	0.00	3490.95
MW - 1	Manny	03/20/15	3511.93	-	-	20.95	0.00	3490.98
MW - 1	Manny	04/04/15	3511.93	-	-	20.90	0.00	3491.03
MW - 1	Manny/Arthur	05/27/15	3511.93	-	-	20.77	0.00	3491.16
MW - 1	Carlos	07/09/15	3511.93	-	-	20.97	0.00	3490.96
MW - 1	Manny/Arthur	08/03/15	3511.93	-	-	21.29	0.00	3490.64
MW - 1	Manny	09/24/15	3511.93	-	-	21.49	0.00	3490.44
MW - 1	Manny	11/18/15	3511.93	33.79	-	21.03	0.00	3490.90
MW - 1	Manny	01/08/16	3511.93	-	-	20.89	0.00	3491.04
MW - 1	Manny	02/23/16	3511.93	-	-	20.79	0.00	3491.14
MW - 1	Manny	04/08/16	3511.93	-	-	20.67	0.00	3491.26
MW - 1	Manny	06/06/16	3511.93	-	-	20.86	0.00	3491.07
MW - 1	Manny	06/28/16	3511.93	-	-	21.18	0.00	3490.75
MW - 1	Carlos	07/27/16	3511.93	-	-	21.55	0.00	3490.38
MW - 1	Manny/ Wes	08/03/16	3511.93	-	-	21.57	0.00	3490.36
MW - 1	Manny	09/27/16	3511.93	-	-	20.62	0.00	3491.31
MW - 1	Manny	10/21/16	3511.93	-	-	20.47	0.00	3491.46
MW - 1	Manny	11/08/16	3511.93	33.75	-	20.44	0.00	3491.49
MW - 1	Manny	01/26/17	3511.93	-	-	20.42	0.00	3491.51
MW - 1	Manny	02/28/17	3511.93	-	-	20.40	0.00	3491.53
MW - 1	Wesley	03/15/17	3511.93	-	-	20.37	0.00	3491.56
MW - 1	Manny	05/23/17	3511.93	-	-	20.41	0.00	3491.52
MW - 1	Jeremy	07/20/17	3511.93	-	-	21.06	0.00	3490.87
MW - 1	Jeremy	08/16/17	3511.93	-	-	20.87	0.00	3491.06
MW - 1	Jeremy	09/13/17	3511.93	-	-	21.01	0.00	3490.92
MW - 1	Jeremy	10/12/17	3511.93	-	-	20.63	0.00	3491.30
MW - 1	Manny/ Jeremy	11/13/17	3511.93	33.69	-	20.56	0.00	3491.37
MW - 1	Jeremy	12/20/17	3511.93	-	-	-	-	-
MW - 1	Jeremy	02/07/18	3511.93	-	-	-	-	-
MW - 1	Jeremy	03/29/18	3511.93	-	-	-	-	-
MW - 1	Jeremy	05/21/18	3511.93	-	-	-	-	-
MW - 1	Jeremy	06/18/18	3511.93	-	-	-	-	-
MW - 1	Jeremy	07/11/18	3511.93	-	-	-	-	-
MW - 1	Jeremy/ Wesley	08/08/18	3511.93	-	-	-	-	-
MW - 1	Jeremy	09/12/18	3511.93	-	-	21.96	0.00	3489.97
MW - 1	Jeremy	11/12/18	3511.93	34.32	-	21.64	0.00	3490.29
MW - 1	Jeremy	01/09/19	3511.93	-	-	21.45	0.00	3490.48
MW - 1	Jeremy	02/12/19	3511.93	-	-	21.38	0.00	3490.55
MW - 1	Elias	03/12/19	3511.93	-	-	21.34	0.00	3490.59
MW - 1	Elias	04/01/19	3511.93	-	-	21.23	0.00	3490.70
MW - 1	Elias	05/07/19	3511.93	-	-	21.18	0.00	3490.75
MW - 1	Elias	06/14/19	3511.93	-	-	21.48	0.00	3490.45
MW - 1	Elias	07/11/19	3511.93	-	-	21.81	0.00	3490.12
MW - 1	Elias	08/07/19	3511.93	-	-	22.06	0.00	3489.87
MW - 1	Elias	09/12/19	3511.93	-	-	22.20	0.00	3489.73
MW - 1	Elias	10/15/19	3511.93	-	-	21.99	0.00	3489.94
MW - 1	Elias	11/06/19	3511.93	34.47	-	21.85	0.00	3490.08
MW - 1	Elias	12/17/19	3511.93	-	-	21.62	0.00	3490.31
MW - 1	Elias	01/06/20	3511.93	-	-	21.57	0.00	3490.36
MW - 1	Elias	03/04/20	3511.93	-	-	21.43	0.00	3490.50
MW - 1	Manny	05/14/20	3511.93	-	-	21.24	0.00	3490.69
MW - 1	Manny	06/17/20	3511.93	-	-	21.81	0.00	3490.12
MW - 1	Manny	07/21/20	3511.93	-	-	22.14	0.00	3489.79
MW - 1	Manny	08/12/20	3511.93	-	-	22.23	0.00	3489.70
MW - 1	Manny	09/14/20	3511.93	-	-	22.35	0.00	3489.58
MW - 1	Manny	12/09/20	3511.93	34.42	-	22.38	0.00	3489.55
MW - 1	Manny	01/12/21	3511.93	-	-	22.30	0.00	3489.63
MW - 1	Manny	02/10/21	3511.93	-	-	22.21	0.00	3489.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 1	Manny	04/21/21	3511.93	-	-	22.09	0.00	3489.84
MW - 1	Manny	06/09/21	3511.93	-	-	22.14	0.00	3489.79
MW - 1	Manny	09/22/21	3511.93	-	-	22.54	0.00	3489.39
MW - 1	Manny	10/14/21	3511.93	-	-	22.55	0.00	3489.38
MW - 1	Manny	12/06/21	3511.93	34.40	-	22.52	0.00	3489.41
MW - 1	Manny	03/14/22	3511.93	-	-	22.41	0.00	3489.52
MW - 1	Manny	04/20/22	3511.93	-	-	22.34	0.00	3489.59
MW - 1	Manny	05/10/22	3511.93	-	-	22.47	0.00	3489.46
MW - 1	Manny	08/16/22	3511.93	-	-	23.09	0.00	3488.84
MW - 1	Manny	11/09/22	3511.93	34.42	-	22.71	0.00	3489.22
MW - 1	Manny	02/27/23	3511.93	-	-	22.31	0.00	3489.62
MW - 1	Manny	05/10/23	3511.93	-	-	22.21	0.00	3489.72
MW - 1	Manny	08/16/23	3511.93	-	-	23.04	0.00	3488.89
MW - 1	Manny	12/13/23	3511.93	34.40	-	22.60	0.00	3489.33
MW - 1	Manny	02/26/24	3511.93	34.40	-	22.32	0.00	3489.61
MW - 1	Manny	06/17/24	3511.93	34.40	-	22.82	0.00	3489.11
MW - 1	Manny	09/23/24	3511.93	-	-	23.21	0.00	3488.72
MW - 1	Manny	12/09/24	3511.93	34.36	-	22.94	0.00	3488.99
MW - 2		03/03/00	3509.23	-	-	21.35	0.00	3487.88
MW - 2		04/11/00	3509.23	-	-	21.31	0.00	3487.92
MW - 2		09/01/00	3509.23	-	-	22.23	0.00	3487.00
MW - 2		11/21/00	3509.23	-	-	22.05	0.00	3487.18
MW - 2		02/22/01	3509.23	-	-	21.52	0.00	3487.71
MW - 2		05/17/01	3509.23	-	-	21.30	0.00	3487.93
MW - 2		08/08/01	3509.23	-	-	22.21	0.00	3487.02
MW - 2		10/24/01	3509.23	-	-	21.54	0.00	3487.69
MW - 2		03/27/02	3509.23	-	-	21.15	0.00	3488.08
MW - 2		05/14/02	3509.23	-	-	20.92	0.00	3488.31
MW - 2		06/20/02	3509.23	-	-	21.04	0.00	3488.19
MW - 2		09/26/02	3509.23	-	-	21.44	0.00	3487.79
MW - 2		11/12/02	3509.23	-	-	21.37	0.00	3487.86
MW - 2		02/12/03	3509.23	-	-	20.95	0.00	3488.28
MW - 2		05/14/03	3509.23	-	-	21.15	0.00	3488.08
MW - 2		08/21/03	3509.23	-	-	21.89	0.00	3487.34
MW - 2		12/10/03	3509.23	-	-	21.83	0.00	3487.40
MW - 2		02/11/04	3509.23	-	-	21.91	0.00	3487.32
MW - 2		05/11/04	3509.23	-	-	20.69	0.00	3488.54
MW - 2		08/25/04	3509.23	-	-	21.12	0.00	3488.11
MW - 2		12/02/04	3509.23	-	-	20.40	0.00	3488.83
MW - 2		03/08/05	3509.23	-	-	19.83	0.00	3489.40
MW - 2		06/08/05	3509.23	-	-	19.36	0.00	3489.87
MW - 2		09/15/05	3509.23	-	-	19.60	0.00	3489.63
MW - 2		12/07/05	3509.23	-	24.81	24.82	0.01	3484.42
MW - 2		12/12/05	3509.23	-	-	19.43	0.00	3489.80
MW - 2		03/16/06	3509.23	-	-	19.37	0.00	3489.86
MW - 2		06/15/06	3509.23	-	-	19.80	0.00	3489.43
MW - 2		09/18/06	3509.23	-	-	19.57	0.00	3489.66
MW - 2		11/30/06	3509.23	-	-	19.55	0.00	3489.68
MW - 2		02/27/07	3509.23	-	-	19.41	0.00	3489.82
MW - 2		05/22/07	3509.23	-	-	19.23	0.00	3490.00
MW - 2		08/15/07	3509.23	-	-	19.88	0.00	3489.35
MW - 2		11/06/07	3509.23	-	-	19.73	0.00	3489.50
MW - 2		02/12/08	3509.23	-	-	19.52	0.00	3489.71
MW - 2		05/13/08	3509.23	-	-	19.50	0.00	3489.73
MW - 2		08/14/08	3509.23	-	-	20.26	0.00	3488.97
MW - 2		11/12/08	3509.23	-	-	19.80	0.00	3489.43
MW - 2		02/10/09	3509.23	-	-	19.65	0.00	3489.58
MW - 2		05/12/09	3509.23	-	-	19.58	0.00	3489.65
MW - 2		08/10/09	3509.23	-	-	20.24	0.00	3488.99
MW - 2		11/18/09	3509.23	-	-	20.48	0.00	3488.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2		01/04/10	3509.23	-	-	20.34	0.00	3488.89
MW - 2		02/09/10	3509.23	-	-	20.25	0.00	3488.98
MW - 2		05/12/10	3509.23	-	-	19.86	0.00	3489.37
MW - 2		08/11/10	3509.23	-	-	19.88	0.00	3489.35
MW - 2		11/11/10	3509.23	-	-	20.50	0.00	3488.73
MW - 2		02/16/11	3509.23	-	-	20.51	0.00	3488.72
MW - 2		05/19/11	3509.23	-	-	20.50	0.00	3488.73
MW - 2		08/10/11	3509.23	-	-	20.53	0.00	3488.70
MW - 2		11/14/11	3509.23	-	-	20.55	0.00	3488.68
MW - 2		02/29/12	3509.23	-	-	20.24	0.00	3488.99
MW - 2		05/02/12	3509.23	-	-	20.15	0.00	3489.08
MW - 2		12/06/12	3509.23	-	-	20.43	0.00	3488.80
MW - 2		02/13/13	3509.23	-	-	20.31	0.00	3488.92
MW - 2		05/22/13	3509.23	-	-	20.15	0.00	3489.08
MW - 2		08/12/13	3509.23	-	-	20.52	0.00	3488.71
MW - 2		11/20/13	3509.23	32.85	-	20.59	0.00	3488.64
MW - 2	John Flores	02/04/14	3510.19	-	-	20.40	0.00	3489.79
MW - 2	Jose & Chance	05/14/14	3510.19	-	-	20.25	0.00	3489.94
MW - 2	Manny	05/22/14	3510.19	-	-	20.86	0.00	3489.33
MW - 2	Manny	07/22/14	3510.19	-	-	20.86	0.00	3489.33
MW - 2	David	08/05/14	3510.19	-	-	20.94	0.00	3489.25
MW - 2	Manny	10/27/14	3510.19	-	-	19.84	0.00	3490.35
MW - 2	Manny	11/19/14	3510.19	32.75	-	19.78	0.00	3490.41
MW - 2	Manny/Matt	02/09/15	3510.19	-	-	19.77	0.00	3490.42
MW - 2	Manny	03/16/15	3510.19	-	-	26.45	0.00	3483.74
MW - 2	Manny	03/20/15	3510.19	-	-	19.75	0.00	3490.44
MW - 2	Manny	04/04/15	3510.19	-	-	19.73	0.00	3490.46
MW - 2	Manny/ Arthur	05/27/15	3510.19	-	-	19.59	0.00	3490.60
MW - 2	Carlos	07/09/15	3510.19	-	-	19.63	0.00	3490.56
MW - 2	Manny/Arthur	08/03/15	3510.19	-	-	19.92	0.00	3490.27
MW - 2	Manny	09/24/15	3510.19	-	-	20.16	0.00	3490.03
MW - 2	Manny	11/18/15	3510.19	32.88	-	19.79	0.00	3490.40
MW - 2	Manny	01/08/16	3510.19	-	-	19.67	0.00	3490.52
MW - 2	Manny	02/23/16	3510.19	-	-	19.60	0.00	3490.59
MW - 2	Manny	04/08/16	3510.19	-	-	19.49	0.00	3490.70
MW - 2	Manny	06/06/16	3510.19	-	-	19.55	0.00	3490.64
MW - 2	Carlos	06/28/16	3510.19	-	-	19.78	0.00	3490.41
MW - 2	Carlos	07/27/16	3510.19	-	-	20.10	0.00	3490.09
MW - 2	Manny/ Wes	08/03/16	3510.19	-	-	20.15	0.00	3490.04
MW - 2	Manny	09/27/16	3510.19	-	-	19.25	0.00	3490.94
MW - 2	Manny	10/21/16	3510.19	-	-	19.09	0.00	3491.10
MW - 2	Manny	11/08/16	3510.19	32.88	-	19.11	0.00	3491.08
MW - 2	Manny	01/26/17	3510.19	-	-	19.17	0.00	3491.02
MW - 2	Manny	02/28/17	3510.19	-	-	19.15	0.00	3491.04
MW - 2	Wesley	03/15/17	3510.19	-	-	19.12	0.00	3491.07
MW - 2	Manny	05/23/17	3510.19	-	-	19.12	0.00	3491.07
MW - 2	Jeremy	07/20/17	3510.19	-	-	19.66	0.00	3490.53
MW - 2	Jeremy	08/16/17	3510.19	-	-	19.59	0.00	3490.60
MW - 2	Jeremy	09/13/17	3510.19	-	-	19.70	0.00	3490.49
MW - 2	Jeremy	10/12/17	3510.19	-	-	19.37	0.00	3490.82
MW - 2	Manny/ Jeremy	11/14/17	3510.19	32.84	-	19.28	0.00	3490.91
MW - 2	Jeremy	12/20/17	3510.19	-	-	19.21	0.00	3490.98
MW - 2	Jeremy	01/09/18	3510.19	-	-	19.18	0.00	3491.01
MW - 2	Jeremy	02/07/18	3510.19	-	-	19.18	0.00	3491.01
MW - 2	Jeremy	03/29/18	3510.19	-	-	19.12	0.00	3491.07
MW - 2	Jeremy	04/16/18	3510.19	-	-	19.08	0.00	3491.11
MW - 2	Jeremy	05/21/18	3510.19	-	-	19.27	0.00	3490.92
MW - 2	Jeremy	06/18/18	3510.19	-	-	19.55	0.00	3490.64
MW - 2	Jeremy	07/11/18	3510.19	-	-	19.73	0.00	3490.46
MW - 2	Jeremy/ Wesley	08/08/18	3510.19	-	-	19.92	0.00	3490.27
MW - 2	Jeremy	09/12/18	3510.19	-	-	20.03	0.00	3490.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 2	Jeremy	11/12/18	3510.19	32.67	-	19.71	0.00	3490.48
MW - 2	Jeremy	01/09/19	3510.19	-	-	19.53	0.00	3490.66
MW - 2	Jeremy	02/12/19	3510.19	-	-	19.48	0.00	3490.71
MW - 2	Elias	03/12/19	3510.19	-	-	19.42	0.00	3490.77
MW - 2	Elias	04/01/19	3510.19	-	-	19.36	0.00	3490.83
MW - 2	Elias	05/07/19	3510.19	-	-	19.28	0.00	3490.91
MW - 2	Elias	06/14/19	3510.19	-	-	19.50	0.00	3490.69
MW - 2	Elias	07/11/19	3510.19	-	-	19.80	0.00	3490.39
MW - 2	Elias	08/07/19	3510.19	-	-	20.00	0.00	3490.19
MW - 2	Elias	09/12/19	3510.19	-	-	20.16	0.00	3490.03
MW - 2	Elias	10/15/19	3510.19	-	-	19.96	0.00	3490.23
MW - 2	Elias	11/06/19	3510.19	32.79	-	19.89	0.00	3490.30
MW - 2	Elias	12/17/19	3510.19	-	-	19.70	0.00	3490.49
MW - 2	Elias	01/06/20	3510.19	-	-	19.65	0.00	3490.54
MW - 2	Elias	03/04/20	3510.19	-	-	19.55	0.00	3490.64
MW - 2	Manny	05/14/20	3510.19	-	-	19.30	0.00	3490.89
MW - 2	Manny	06/17/20	3510.19	-	-	19.73	0.00	3490.46
MW - 2	Manny	07/21/20	3510.19	-	-	20.05	0.00	3490.14
MW - 2	Manny	08/12/20	3510.19	-	-	20.17	0.00	3490.02
MW - 2	Manny	09/14/20	3510.19	-	-	20.32	0.00	3489.87
MW - 2	Manny	12/09/20	3510.19	32.68	-	20.44	0.00	3489.75
MW - 2	Manny	01/13/21	3510.19	-	-	20.39	0.00	3489.80
MW - 2	Manny	02/10/21	3510.19	-	-	20.32	0.00	3489.87
MW - 2	Manny	04/21/21	3510.19	-	-	20.20	0.00	3489.99
MW - 2	Manny	06/09/21	3510.19	-	-	20.20	0.00	3489.99
MW - 2	Manny	09/22/21	3510.19	-	-	20.05	0.00	3490.14
MW - 2	Manny	10/14/21	3510.19	-	-	20.54	0.00	3489.65
MW - 2	Manny	12/06/21	3510.19	32.66	-	20.61	0.00	3489.58
MW - 2	Manny	03/14/22	3510.19	-	-	20.52	0.00	3489.67
MW - 2	Manny	04/20/22	3510.19	-	-	20.46	0.00	3489.73
MW - 2	Manny	05/10/22	3510.19	-	-	20.51	0.00	3489.68
MW - 2	Manny	08/16/22	3510.19	-	-	21.00	0.00	3489.19
MW - 2	Manny	11/10/22	3510.19	32.71	-	20.81	0.00	3489.38
MW - 2	Manny	02/27/23	3510.19	-	-	20.46	0.00	3489.73
MW - 2	Manny	05/10/23	3510.19	-	-	20.30	0.00	3489.89
MW - 2	Manny	08/16/23	3510.19	-	-	20.99	0.00	3489.20
MW - 2	Manny	12/15/23	3510.19	32.58	-	20.72	0.00	3489.47
MW - 2	Manny	02/26/24	3510.19	32.58	-	20.49	0.00	3489.70
MW - 2	Manny	06/17/24	3510.19	32.58	-	20.86	0.00	3489.33
MW - 2	Manny	09/23/24	3510.19	-	-	21.30	0.00	3488.89
MW - 2	Manny	12/09/24	3510.19	32.61	-	21.09	0.00	3489.10
MW - 3		03/03/00	3508.82	-	-	20.95	0.00	3487.87
MW - 3		04/11/00	3508.82	-	-	20.91	0.00	3487.91
MW - 3		09/01/00	3508.82	-	-	21.80	0.00	3487.02
MW - 3		11/21/00	3508.82	-	-	21.65	0.00	3487.17
MW - 3		02/22/01	3508.82	-	-	21.14	0.00	3487.68
MW - 3		05/17/01	3508.82	-	-	20.87	0.00	3487.95
MW - 3		08/08/01	3508.82	-	-	21.72	0.00	3487.10
MW - 3		10/24/01	3508.82	-	-	21.18	0.00	3487.64
MW - 3		03/27/02	3508.82	-	-	20.81	0.00	3488.01
MW - 3		05/14/02	3508.82	-	-	20.66	0.00	3488.16
MW - 3		06/20/02	3508.82	-	-	20.60	0.00	3488.22
MW - 3		09/26/02	3508.82	-	-	21.04	0.00	3487.78
MW - 3		11/12/02	3508.82	-	-	20.93	0.00	3487.89
MW - 3		02/12/03	3508.82	-	-	20.56	0.00	3488.26
MW - 3		05/14/03	3508.82	-	-	20.69	0.00	3488.13
MW - 3		08/21/03	3508.82	-	-	21.46	0.00	3487.36
MW - 3		12/10/03	3508.82	-	-	21.44	0.00	3487.38
MW - 3		02/11/04	3508.82	-	-	21.51	0.00	3487.31
MW - 3		05/11/04	3508.82	-	-	20.28	0.00	3488.54

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3		08/25/04	3508.82	-	-	20.68	0.00	3488.14
MW - 3		12/02/04	3508.82	-	-	20.01	0.00	3488.81
MW - 3		03/08/05	3508.82	-	-	19.40	0.00	3489.42
MW - 3		06/08/05	3508.82	-	-	18.91	0.00	3489.91
MW - 3		09/15/05	3508.82	-	-	19.15	0.00	3489.67
MW - 3		12/12/05	3508.82	-	-	18.96	0.00	3489.86
MW - 3		03/16/06	3508.82	-	-	18.93	0.00	3489.89
MW - 3		06/15/06	3508.82	-	-	19.38	0.00	3489.44
MW - 3		09/18/06	3508.82	-	-	19.16	0.00	3489.66
MW - 3		11/30/06	3508.82	-	-	19.15	0.00	3489.67
MW - 3		02/27/07	3508.82	-	-	18.98	0.00	3489.84
MW - 3		05/22/07	3508.82	-	-	18.79	0.00	3490.03
MW - 3		08/15/07	3508.82	-	-	19.48	0.00	3489.34
MW - 3		11/06/07	3508.82	-	-	19.29	0.00	3489.53
MW - 3		02/12/08	3508.82	-	-	19.14	0.00	3489.68
MW - 3		05/13/08	3508.82	-	-	19.12	0.00	3489.70
MW - 3		08/14/08	3508.82	-	-	19.87	0.00	3488.95
MW - 3		11/12/08	3508.82	-	-	19.40	0.00	3489.42
MW - 3		12/22/08	3508.82	-	-	18.57	0.00	3490.25
MW - 3		02/10/09	3508.82	-	-	19.27	0.00	3489.55
MW - 3		05/12/09	3508.82	-	-	19.26	0.00	3489.56
MW - 3		08/10/09	3508.82	-	-	19.89	0.00	3488.93
MW - 3		11/18/09	3508.82	-	-	20.10	0.00	3488.72
MW - 3		01/04/10	3508.82	-	-	20.03	0.00	3488.79
MW - 3		02/09/10	3508.82	-	-	19.91	0.00	3488.91
MW - 3		05/12/10	3508.82	-	-	19.46	0.00	3489.36
MW - 3		08/11/10	3508.82	-	-	19.45	0.00	3489.37
MW - 3		11/11/10	3508.82	-	-	20.10	0.00	3488.72
MW - 3		02/16/11	3508.82	-	-	20.09	0.00	3488.73
MW - 3		05/19/11	3508.82	-	-	20.11	0.00	3488.71
MW - 3		08/10/11	3508.82	-	-	20.20	0.00	3488.62
MW - 3		11/14/11	3508.82	-	-	20.22	0.00	3488.60
MW - 3		02/29/12	3508.82	-	-	19.94	0.00	3488.88
MW - 3		05/02/12	3508.82	-	-	19.84	0.00	3488.98
MW - 3		12/06/12	3508.82	-	-	20.21	0.00	3488.61
MW - 3		02/13/13	3508.82	-	-	20.09	0.00	3488.73
MW - 3		05/22/13	3508.82	-	-	19.93	0.00	3488.89
MW - 3		08/12/13	3508.82	-	-	20.28	0.00	3488.54
MW - 3		11/20/13	3508.82	29.27	-	20.35	0.00	3488.47
MW - 3	John Flores	02/04/14	3509.87	-	-	20.17	0.00	3489.70
MW - 3	Jose & Chance	05/14/14	3509.87	-	-	20.02	0.00	3489.85
MW - 3	Manny	07/22/14	3509.87	-	-	20.60	0.00	3489.27
MW - 3	David	08/05/14	3509.87	-	-	20.65	0.00	3489.22
MW - 3	Manny	10/27/14	3509.87	-	-	19.56	0.00	3490.31
MW - 3	Manny	11/19/14	3509.87	29.33	-	19.55	0.00	3490.32
MW - 3	Manny/Matt	02/09/15	3509.87	29.33	-	19.53	0.00	3490.34
MW - 3	Manny	03/20/15	3509.87	-	-	19.51	0.00	3490.36
MW - 3	Manny	04/04/15	3509.87	-	-	19.51	0.00	3490.36
MW - 3	Manny/Arthur	05/27/15	3509.87	-	-	19.37	0.00	3490.50
MW - 3	Carlos	07/09/15	3509.87	-	-	18.97	0.00	3490.90
MW - 3	Manny/Arthur	08/03/15	3509.87	-	-	19.68	0.00	3490.19
MW - 3	Manny	09/24/15	3509.87	-	-	19.90	0.00	3489.97
MW - 3	Manny	11/18/15	3509.87	29.24	-	19.57	0.00	3490.30
MW - 3	Manny	01/08/16	3509.87	-	-	19.44	0.00	3490.43
MW - 3	Manny	02/23/16	3509.87	-	-	19.38	0.00	3490.49
MW - 3	Manny	04/08/16	3509.87	-	-	19.29	0.00	3490.58
MW - 3	Manny	06/06/16	3509.87	-	-	19.32	0.00	3490.55
MW - 3	Carlos	06/28/16	3509.87	-	-	19.56	0.00	3490.31
MW - 3	Carlos	07/27/16	3509.87	-	-	19.87	0.00	3490.00
MW - 3	Manny/ Wes	08/03/16	3509.87	-	-	19.89	0.00	3489.98
MW - 3	Manny	09/27/16	3509.87	-	-	18.83	0.00	3491.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	Manny	10/21/16	3509.87	-	-	18.84	0.00	3491.03
MW - 3	Manny	11/08/16	3509.87	29.21	-	18.89	0.00	3490.98
MW - 3	Manny	01/26/17	3509.87	-	-	18.96	0.00	3490.91
MW - 3	Manny	02/28/17	3509.87	-	-	18.95	0.00	3490.92
MW - 3	Wesley	03/15/17	3509.87	-	-	18.93	0.00	3490.94
MW - 3	Manny	05/23/17	3509.87	-	-	18.92	0.00	3490.95
MW - 3	Jeremy	07/20/17	3509.87	-	-	19.45	0.00	3490.42
MW - 3	Jeremy	08/16/17	3509.87	-	-	19.40	0.00	3490.47
MW - 3	Jeremy	09/13/17	3509.87	-	-	19.21	0.00	3490.66
MW - 3	Jeremy	10/12/17	3509.87	-	-	19.17	0.00	3490.70
MW - 3	Manny/ Jeremy	11/14/17	3509.87	29.11	-	19.08	0.00	3490.79
MW - 3	Jeremy	12/20/17	3509.87	-	-	19.01	0.00	3490.86
MW - 3	Jeremy	01/09/18	3509.87	-	-	18.97	0.00	3490.90
MW - 3	Jeremy	02/07/18	3509.87	-	-	18.96	0.00	3490.91
MW - 3	Jeremy	02/22/18	3509.87	-	-	21.23	0.00	3488.64
MW - 3	Jeremy	03/29/18	3509.87	-	-	18.92	0.00	3490.95
MW - 3	Jeremy	04/16/18	3509.87	-	-	18.89	0.00	3490.98
MW - 3	Jeremy	05/21/18	3509.87	-	-	19.08	0.00	3490.79
MW - 3	Jeremy	06/18/18	3509.87	-	-	19.13	0.00	3490.74
MW - 3	Jeremy	07/11/18	3509.87	-	-	19.54	0.00	3490.33
MW - 3	Jeremy/ Wesley	08/08/18	3509.87	-	-	19.72	0.00	3490.15
MW - 3	Jeremy	09/12/18	3509.87	-	-	19.83	0.00	3490.04
MW - 3	Jeremy	11/12/18	3509.87	28.89	-	19.52	0.00	3490.35
MW - 3	Jeremy	01/09/19	3509.87	-	-	19.33	0.00	3490.54
MW - 3	Jeremy	02/12/19	3509.87	-	-	19.30	0.00	3490.57
MW - 3	Elias	03/12/19	3509.87	-	-	19.21	0.00	3490.66
MW - 3	Elias	04/01/19	3509.87	-	-	19.18	0.00	3490.69
MW - 3	Elias	05/07/19	3509.87	-	-	19.08	0.00	3490.79
MW - 3	Elias	06/14/19	3509.87	-	-	19.32	0.00	3490.55
MW - 3	Elias	07/11/19	3509.87	-	-	19.62	0.00	3490.25
MW - 3	Elias	08/07/19	3509.87	-	-	19.80	0.00	3490.07
MW - 3	Elias	09/12/19	3509.87	-	-	19.95	0.00	3489.92
MW - 3	Elias	10/15/19	3509.87	-	-	19.83	0.00	3490.04
MW - 3	Elias	11/06/19	3509.87	28.91	-	19.71	0.00	3490.16
MW - 3	Elias	12/17/19	3509.87	-	-	19.51	0.00	3490.36
MW - 3	Elias	01/06/20	3509.87	-	-	19.45	0.00	3490.42
MW - 3	Elias	03/04/20	3509.87	-	-	19.36	0.00	3490.51
MW - 3	Manny	05/14/20	3509.87	-	-	19.13	0.00	3490.74
MW - 3	Manny	06/17/20	3509.87	-	-	19.55	0.00	3490.32
MW - 3	Manny	07/21/20	3509.87	-	-	19.84	0.00	3490.03
MW - 3	Manny	08/12/20	3509.87	-	-	19.97	0.00	3489.90
MW - 3	Manny	09/14/20	3509.87	-	-	20.09	0.00	3489.78
MW - 3	Manny	12/09/20	3509.87	28.73	-	20.23	0.00	3489.64
MW - 3	Manny	01/13/21	3509.87	-	-	20.17	0.00	3489.70
MW - 3	Manny	02/10/21	3509.87	-	-	20.12	0.00	3489.75
MW - 3	Manny	04/21/21	3509.87	-	-	20.02	0.00	3489.85
MW - 3	Manny	06/09/21	3509.87	-	-	20.01	0.00	3489.86
MW - 3	Manny	09/22/21	3509.87	-	-	20.29	0.00	3489.58
MW - 3	Manny	10/14/21	3509.87	-	-	20.32	0.00	3489.55
MW - 3	Manny	12/06/21	3509.87	28.68	-	20.39	0.00	3489.48
MW - 3	Manny	03/14/22	3509.87	-	-	20.30	0.00	3489.57
MW - 3	Manny	04/20/22	3509.87	-	-	20.27	0.00	3489.60
MW - 3	Manny	05/10/22	3509.87	-	-	20.36	0.00	3489.51
MW - 3	Manny	08/16/22	3509.87	-	-	20.74	0.00	3489.13
MW - 3	Manny	11/10/22	3509.87	28.66	-	20.62	0.00	3489.25
MW - 3	Manny	02/27/23	3509.87	-	-	20.27	0.00	3489.60
MW - 3	Manny	05/10/23	3509.87	-	-	20.12	0.00	3489.75
MW - 3	Manny	08/16/23	3509.87	-	-	20.75	0.00	3489.12
MW - 3	Manny	12/15/23	3509.87	28.61	-	20.49	0.00	3489.38
MW - 3	Manny	02/26/24	3509.87	28.61	-	20.26	0.00	3489.61
MW - 3	Manny	06/17/24	3509.87	28.61	-	20.59	0.00	3489.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 3	Manny	09/23/24	3509.87	-	-	21.04	0.00	3488.83
MW - 3	Manny	12/09/24	3509.87	28.58	-	20.87	0.00	3489.00
MW - 4		03/03/00	3509.15	-	20.71	22.10	1.39	3488.23
MW - 4		04/11/00	3509.15	-	20.71	22.10	1.39	3488.23
MW - 4		09/01/00	3509.15	-	21.81	21.95	0.14	3487.32
MW - 4		11/21/00	3509.15	-	21.51	22.42	0.91	3487.50
MW - 4		02/22/01	3509.15	-	20.99	22.55	1.56	3487.93
MW - 4		05/17/01	3509.15	-	20.70	22.89	2.19	3488.12
MW - 4		08/08/01	3509.15	-	21.54	23.64	2.10	3487.30
MW - 4		10/24/01	3509.15	-	21.02	22.83	1.81	3487.86
MW - 4		03/27/02	3509.15	-	20.50	23.72	3.22	3488.17
MW - 4		05/14/02	3509.15	-	20.48	20.97	0.49	3488.60
MW - 4		06/20/02	3509.15	-	20.51	21.13	0.62	3488.55
MW - 4		09/26/02	3509.15	-	20.82	22.61	1.79	3488.06
MW - 4		11/12/02	3509.15	-	19.97	20.06	0.09	3489.17
MW - 4		01/07/03	3509.15	-	-	20.20	0.00	3488.95
MW - 4		01/27/03	3509.15	-	20.39	22.40	2.01	3488.46
MW - 4		02/26/03	3509.15	-	19.26	22.56	3.30	3489.40
MW - 4		03/11/03	3509.15	-	20.31	22.42	2.11	3488.52
MW - 4		03/19/03	3509.15	-	20.32	22.45	2.13	3488.51
MW - 4		03/25/03	3509.15	-	20.28	22.54	2.26	3488.53
MW - 4		04/16/03	3509.15	-	20.22	22.33	2.11	3488.61
MW - 4		04/23/03	3509.15	-	20.21	22.54	2.33	3488.59
MW - 4		04/29/03	3509.15	-	20.23	22.53	2.30	3488.58
MW - 4		05/14/03	3509.15	-	20.40	22.55	2.15	3488.43
MW - 4		05/20/03	3509.15	-	20.69	22.58	1.89	3488.18
MW - 4		05/27/03	3509.15	-	20.75	22.74	1.99	3488.10
MW - 4		06/04/03	3509.15	-	20.75	21.18	0.43	3488.34
MW - 4		06/26/03	3509.15	-	20.31	21.97	1.66	3488.59
MW - 4		07/07/03	3509.15	-	21.11	22.60	1.49	3487.82
MW - 4		07/30/03	3509.15	-	21.26	21.85	0.59	3487.80
MW - 4		08/06/03	3509.15	-	19.89	20.49	0.60	3489.17
MW - 4		08/21/03	3509.15	-	21.68	22.19	0.51	3487.39
MW - 4		08/26/03	3509.15	-	21.77	22.20	0.43	3487.32
MW - 4		09/08/03	3509.15	-	21.61	22.02	0.41	3487.48
MW - 4		09/15/03	3509.15	-	21.59	21.97	0.38	3487.50
MW - 4		09/24/03	3509.15	-	21.86	22.31	0.45	3487.22
MW - 4		10/02/03	3509.15	-	21.70	22.62	0.92	3487.31
MW - 4		10/08/03	3509.15	-	21.60	22.50	0.90	3487.42
MW - 4		10/16/03	3509.15	-	21.89	22.97	1.08	3487.10
MW - 4		10/28/03	3509.15	-	21.93	23.07	1.14	3487.05
MW - 4		11/11/03	3509.15	-	21.98	22.67	0.69	3487.07
MW - 4		11/18/03	3509.15	-	21.68	22.81	1.13	3487.30
MW - 4		12/10/03	3509.15	-	21.63	22.24	0.61	3487.43
MW - 4		02/02/04	3509.15	-	21.82	23.27	1.45	3487.11
MW - 4		02/26/04	3509.15	-	21.44	22.77	1.33	3487.51
MW - 4		03/16/04	3509.15	-	21.62	23.23	1.61	3487.29
MW - 4		03/19/04	3509.15	-	21.56	23.17	1.61	3487.35
MW - 4		03/25/04	3509.15	-	21.60	23.18	1.58	3487.31
MW - 4		04/01/04	3509.15	-	21.53	23.20	1.67	3487.37
MW - 4		04/08/04	3509.15	-	20.90	23.10	2.20	3487.92
MW - 4		04/14/04	3509.15	-	20.79	23.70	2.91	3487.92
MW - 4		04/16/04	3509.15	-	20.89	23.39	2.50	3487.89
MW - 4		04/22/04	3509.15	-	20.08	22.30	2.22	3488.74
MW - 4		04/29/04	3509.15	-	20.07	22.50	2.43	3488.72
MW - 4		05/11/04	3509.15	-	19.98	22.64	2.66	3488.77
MW - 4		06/08/04	3509.15	-	20.12	23.02	2.90	3488.60
MW - 4		06/17/04	3509.15	-	20.08	23.07	2.99	3488.62
MW - 4		06/22/04	3509.15	-	20.12	23.04	2.92	3488.59
MW - 4		06/29/04	3509.15	-	20.08	23.00	2.92	3488.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		07/06/04	3509.15	-	20.11	23.00	2.89	3488.61
MW - 4		07/13/04	3509.15	-	20.17	23.04	2.87	3488.55
MW - 4		07/20/04	3509.15	-	20.32	23.13	2.81	3488.41
MW - 4		08/04/04	3509.15	-	20.35	23.10	2.75	3488.39
MW - 4		08/10/04	3509.15	-	20.37	23.08	2.71	3488.37
MW - 4		08/16/04	3509.15	-	20.53	23.12	2.59	3488.23
MW - 4		08/23/04	3509.15	-	20.45	22.65	2.20	3488.37
MW - 4		08/25/04	3509.15	-	20.50	22.16	1.66	3488.40
MW - 4		08/26/04	3509.15	-	20.48	22.40	1.92	3488.38
MW - 4		08/31/04	3509.15	-	20.56	22.73	2.17	3488.26
MW - 4		09/13/04	3509.15	-	20.66	22.65	1.99	3488.19
MW - 4		09/20/04	3509.15	-	20.72	22.58	1.86	3488.15
MW - 4		09/30/04	3509.15	-	20.89	22.32	1.43	3488.05
MW - 4		10/04/04	3509.15	-	20.19	20.42	0.23	3488.93
MW - 4		10/11/04	3509.15	-	19.87	21.85	1.98	3488.98
MW - 4		10/18/04	3509.15	-	19.86	21.60	1.74	3489.03
MW - 4		10/26/04	3509.15	-	19.96	21.00	1.04	3489.03
MW - 4		11/02/04	3509.15	-	19.85	22.00	2.15	3488.98
MW - 4		11/08/04	3509.15	-	19.80	21.72	1.92	3489.06
MW - 4		11/15/04	3509.15	-	19.73	23.65	3.92	3488.83
MW - 4		12/01/04	3509.15	-	19.71	22.09	2.38	3489.08
MW - 4		12/02/04	3509.15	-	19.71	22.09	2.38	3489.08
MW - 4		12/14/04	3509.15	-	19.63	22.09	2.46	3489.15
MW - 4		12/21/04	3509.15	-	19.54	22.25	2.71	3489.20
MW - 4		12/29/04	3509.15	-	19.44	22.39	2.95	3489.27
MW - 4		01/11/05	3509.15	-	19.40	22.07	2.67	3489.35
MW - 4		01/14/05	3509.15	-	19.54	21.06	1.52	3489.38
MW - 4		01/18/05	3509.15	-	19.45	21.37	1.92	3489.41
MW - 4		01/21/05	3509.15	-	19.53	20.53	1.00	3489.47
MW - 4		01/25/05	3509.15	-	19.45	21.00	1.55	3489.47
MW - 4		01/28/05	3509.15	-	19.43	20.95	1.52	3489.49
MW - 4		02/02/05	3509.15	-	19.34	21.30	1.96	3489.52
MW - 4		02/05/05	3509.15	-	19.43	20.95	1.52	3489.49
MW - 4		02/08/05	3509.15	-	19.29	21.39	2.10	3489.55
MW - 4		02/11/05	3509.15	-	19.54	19.96	0.42	3489.55
MW - 4		02/15/05	3509.15	-	19.32	20.70	1.38	3489.62
MW - 4		02/18/05	3509.15	-	19.36	20.25	0.89	3489.66
MW - 4		02/22/05	3509.15	-	19.28	20.78	1.50	3489.65
MW - 4		02/25/05	3509.15	-	19.39	20.00	0.61	3489.67
MW - 4		03/01/05	3509.15	-	19.26	20.31	1.05	3489.73
MW - 4		03/04/05	3509.15	-	19.31	20.00	0.69	3489.74
MW - 4		03/08/05	3509.15	-	19.31	20.21	0.90	3489.71
MW - 4		03/08/05	3509.15	-	19.31	20.21	0.90	3489.71
MW - 4		03/11/05	3509.15	-	19.29	19.95	0.66	3489.76
MW - 4		03/15/05	3509.15	-	19.20	20.10	0.90	3489.82
MW - 4		03/18/05	3509.15	-	19.19	20.26	1.07	3489.80
MW - 4		03/22/05	3509.15	-	19.14	20.10	0.96	3489.87
MW - 4		03/28/05	3509.15	-	19.09	20.04	0.95	3489.92
MW - 4		04/01/05	3509.15	-	19.11	20.01	0.90	3489.91
MW - 4		04/05/05	3509.15	-	19.12	19.74	0.62	3489.94
MW - 4		04/08/05	3509.15	-	19.06	19.78	0.72	3489.98
MW - 4		04/12/05	3509.15	-	19.04	19.92	0.88	3489.98
MW - 4		04/15/05	3509.15	-	19.09	19.79	0.70	3489.96
MW - 4		05/25/05	3509.15	-	18.84	19.56	0.72	3490.20
MW - 4		05/27/05	3509.15	-	18.80	19.51	0.71	3490.24
MW - 4		05/31/05	3509.15	-	18.80	19.50	0.70	3490.25
MW - 4		06/03/05	3509.15	-	18.80	19.47	0.67	3490.25
MW - 4		06/06/05	3509.15	-	18.88	19.20	0.32	3490.22
MW - 4		06/08/05	3509.15	-	18.88	19.20	0.32	3490.22
MW - 4		06/13/05	3509.15	-	18.78	19.41	0.63	3490.28
MW - 4		06/20/05	3509.15	-	19.06	19.50	0.44	3490.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		06/24/05	3509.15	-	18.81	19.49	0.68	3490.24
MW - 4		06/27/05	3509.15	-	18.81	19.92	1.11	3490.17
MW - 4		07/11/05	3509.15	-	18.89	20.78	1.89	3489.98
MW - 4		07/15/05	3509.15	-	19.11	19.60	0.49	3489.97
MW - 4		07/18/05	3509.15	-	19.10	20.21	1.11	3489.88
MW - 4		07/21/05	3509.15	-	19.24	19.69	0.45	3489.84
MW - 4		07/25/05	3509.15	-	19.13	20.70	1.57	3489.78
MW - 4		08/01/05	3509.15	-	19.21	20.30	1.09	3489.78
MW - 4		08/04/05	3509.15	-	19.28	20.03	0.75	3489.76
MW - 4		08/12/05	3509.15	-	19.22	21.01	1.79	3489.66
MW - 4		08/15/05	3509.15	-	19.14	21.18	2.04	3489.70
MW - 4		08/23/05	3509.15	-	18.86	21.90	3.04	3489.83
MW - 4		08/30/05	3509.15	-	18.81	21.80	2.99	3489.89
MW - 4		09/06/05	3509.15	-	18.80	21.11	2.31	3490.00
MW - 4		09/13/05	3509.15	-	18.79	21.45	2.66	3489.96
MW - 4		09/15/05	3509.15	-	18.92	20.55	1.63	3489.99
MW - 4		09/19/05	3509.15	-	18.87	21.18	2.31	3489.93
MW - 4		09/27/05	3509.15	-	18.94	20.77	1.83	3489.94
MW - 4		10/03/05	3509.15	-	19.10	19.70	0.60	3489.96
MW - 4		10/08/05	3509.15	-	18.91	19.32	0.41	3490.18
MW - 4		10/10/05	3509.15	-	19.00	19.70	0.70	3490.05
MW - 4		10/17/05	3509.15	-	19.05	19.53	0.48	3490.03
MW - 4		10/24/05	3509.15	-	18.98	19.50	0.52	3490.09
MW - 4		10/31/05	3509.15	-	18.89	19.88	0.99	3490.11
MW - 4		11/15/05	3509.15	-	18.92	19.86	0.94	3490.09
MW - 4		11/22/05	3509.15	-	18.88	19.90	1.02	3490.12
MW - 4		11/27/05	3509.15	-	18.82	20.38	1.56	3490.10
MW - 4		12/07/05	3509.15	-	18.83	19.91	1.08	3490.16
MW - 4		12/12/05	3509.15	-	18.82	20.01	1.19	3490.15
MW - 4		12/16/05	3509.15	-	18.80	20.10	1.30	3490.16
MW - 4		12/22/05	3509.15	-	18.88	20.01	1.13	3490.10
MW - 4		12/27/05	3509.15	-	18.85	19.40	0.55	3490.22
MW - 4		01/03/06	3509.15	-	18.89	19.37	0.48	3490.19
MW - 4		01/09/06	3509.15	-	18.89	19.68	0.79	3490.14
MW - 4		01/16/06	3509.15	-	18.86	19.40	0.54	3490.21
MW - 4		01/23/06	3509.15	-	18.89	19.39	0.50	3490.19
MW - 4		01/30/06	3509.15	-	18.85	19.40	0.55	3490.22
MW - 4		02/06/06	3509.15	-	18.83	19.69	0.86	3490.19
MW - 4		02/14/06	3509.15	-	18.80	19.27	0.47	3490.28
MW - 4		02/21/06	3509.15	-	18.83	19.33	0.50	3490.25
MW - 4		03/01/06	3509.15	-	18.86	19.31	0.45	3490.22
MW - 4		03/06/06	3509.15	-	18.85	19.36	0.51	3490.22
MW - 4		03/15/06	3509.15	-	18.81	19.20	0.39	3490.28
MW - 4		03/16/06	3509.15	-	18.84	19.24	0.40	3490.25
MW - 4		03/21/06	3509.15	-	18.85	19.31	0.46	3490.23
MW - 4		03/28/06	3509.15	-	18.89	19.28	0.39	3490.20
MW - 4		04/03/06	3509.15	-	18.76	19.24	0.48	3490.32
MW - 4		04/10/06	3509.15	-	18.74	19.34	0.60	3490.32
MW - 4		04/17/06	3509.15	-	18.74	19.23	0.49	3490.34
MW - 4		05/01/06	3509.15	-	18.75	19.22	0.47	3490.33
MW - 4		05/08/06	3509.15	-	18.77	19.26	0.49	3490.31
MW - 4		05/15/06	3509.15	-	18.85	19.18	0.33	3490.25
MW - 4		05/30/06	3509.15	-	18.92	21.02	2.10	3489.92
MW - 4		06/05/06	3509.15	-	19.19	19.61	0.42	3489.90
MW - 4		06/12/06	3509.15	-	19.31	19.65	0.34	3489.79
MW - 4		06/15/06	3509.15	-	19.31	19.96	0.65	3489.74
MW - 4		06/19/06	3509.15	-	19.37	20.41	1.04	3489.62
MW - 4		07/03/06	3509.15	-	19.45	20.49	1.04	3489.54
MW - 4		07/10/06	3509.15	-	19.45	20.60	1.15	3489.53
MW - 4		07/17/06	3509.15	-	19.19	21.08	1.89	3489.68
MW - 4		07/26/06	3509.15	-	19.30	21.00	1.70	3489.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		07/31/06	3509.15	-	19.44	20.78	1.34	3489.51
MW - 4		08/07/06	3509.15	-	19.44	20.88	1.44	3489.49
MW - 4		08/17/06	3509.15	-	19.32	21.27	1.95	3489.54
MW - 4		08/21/06	3509.15	-	19.31	20.65	1.34	3489.64
MW - 4		09/06/06	3509.15	-	19.12	19.58	0.46	3489.96
MW - 4		09/11/06	3509.15	-	19.12	19.48	0.36	3489.98
MW - 4		09/18/06	3509.15	-	19.09	19.16	0.07	3490.05
MW - 4		09/25/06	3509.15	-	19.05	19.55	0.50	3490.03
MW - 4		10/02/06	3509.15	-	19.02	19.52	0.50	3490.06
MW - 4		10/09/06	3509.15	-	19.12	19.41	0.29	3489.99
MW - 4		10/17/06	3509.15	-	19.05	19.94	0.89	3489.97
MW - 4		10/23/06	3509.15	-	19.11	19.29	0.18	3490.01
MW - 4		10/30/06	3509.15	-	19.10	19.27	0.17	3490.02
MW - 4		11/06/06	3509.15	-	19.09	19.74	0.65	3489.96
MW - 4		11/13/06	3509.15	-	19.11	19.19	0.08	3490.03
MW - 4		11/20/06	3509.15	-	19.10	19.28	0.18	3490.02
MW - 4		11/27/06	3509.15	-	19.09	19.18	0.09	3490.05
MW - 4		11/30/06	3509.15	-	19.10	19.20	0.10	3490.04
MW - 4		12/04/06	3509.15	-	19.11	19.28	0.17	3490.01
MW - 4		12/12/06	3509.15	-	19.12	19.24	0.12	3490.01
MW - 4		12/18/06	3509.15	-	19.03	19.28	0.25	3490.08
MW - 4		01/02/07	3509.15	-	19.03	19.32	0.29	3490.08
MW - 4		01/11/07	3509.15	-	18.97	19.46	0.49	3490.11
MW - 4		01/18/07	3509.15	-	19.00	19.30	0.30	3490.11
MW - 4		01/22/07	3509.15	-	18.98	19.30	0.32	3490.12
MW - 4		02/05/07	3509.15	-	18.88	19.41	0.53	3490.19
MW - 4		02/12/07	3509.15	-	18.93	19.29	0.36	3490.17
MW - 4		02/19/07	3509.15	-	18.92	19.11	0.19	3490.20
MW - 4		02/27/07	3509.15	-	18.91	19.32	0.41	3490.18
MW - 4		03/05/07	3509.15	-	18.93	19.28	0.35	3490.17
MW - 4		03/12/07	3509.15	-	18.94	19.04	0.10	3490.20
MW - 4		03/19/07	3509.15	-	18.93	19.14	0.21	3490.19
MW - 4		04/02/07	3509.15	-	18.84	19.28	0.44	3490.24
MW - 4		04/09/07	3509.15	-	18.31	19.36	1.05	3490.68
MW - 4		05/01/07	3509.15	-	18.78	19.08	0.30	3490.33
MW - 4		05/12/07	3509.15	-	18.82	19.08	0.26	3490.29
MW - 4		05/17/07	3509.15	-	18.69	19.00	0.31	3490.41
MW - 4		05/21/07	3509.15	-	18.68	18.92	0.24	3490.43
MW - 4		05/22/07	3509.15	-	18.68	18.92	0.24	3490.43
MW - 4		06/01/07	3509.15	-	18.68	18.85	0.17	3490.44
MW - 4		06/06/07	3509.15	-	18.69	18.90	0.21	3490.43
MW - 4		06/11/07	3509.15	-	18.74	19.51	0.77	3490.29
MW - 4		06/19/07	3509.15	-	18.85	19.26	0.41	3490.24
MW - 4		06/25/07	3509.15	-	18.95	19.29	0.34	3490.15
MW - 4		07/03/07	3509.15	-	19.07	19.44	0.37	3490.02
MW - 4		07/23/07	3509.15	-	19.23	20.31	1.08	3489.76
MW - 4		07/31/07	3509.15	-	19.39	19.76	0.37	3489.70
MW - 4		08/14/07	3509.15	-	19.37	20.45	1.08	3489.62
MW - 4		08/15/07	3509.15	-	19.48	19.69	0.21	3489.64
MW - 4		08/25/07	3509.15	-	19.46	20.48	1.02	3489.54
MW - 4		09/05/07	3509.15	-	19.50	20.93	1.43	3489.44
MW - 4		09/10/07	3509.15	-	19.53	20.35	0.82	3489.50
MW - 4		09/17/07	3509.15	-	19.31	19.59	0.28	3489.80
MW - 4		09/24/07	3509.15	-	19.22	19.46	0.24	3489.89
MW - 4		11/05/07	3509.15	-	19.22	19.57	0.35	3489.88
MW - 4		11/06/07	3509.15	-	19.31	19.46	0.15	3489.82
MW - 4		11/12/07	3509.15	-	19.22	19.41	0.19	3489.90
MW - 4		11/19/07	3509.15	-	19.21	19.48	0.27	3489.90
MW - 4		11/30/07	3509.15	-	19.22	19.61	0.39	3489.87
MW - 4		12/03/07	3509.15	-	19.23	19.34	0.11	3489.90
MW - 4		12/14/07	3509.15	-	19.18	19.20	0.02	3489.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		12/17/07	3509.15	-	19.19	19.23	0.04	3489.95
MW - 4		01/09/08	3509.15	-	19.13	19.35	0.22	3489.99
MW - 4		01/16/08	3509.15	-	19.16	19.50	0.34	3489.94
MW - 4		01/21/08	3509.15	-	19.14	19.43	0.29	3489.97
MW - 4		01/30/08	3509.15	-	19.09	19.23	0.14	3490.04
MW - 4		02/12/08	3509.15	-	19.11	19.54	0.43	3489.98
MW - 4		02/14/08	3509.15	-	19.10	19.27	0.17	3490.02
MW - 4		02/20/08	3509.15	-	sheen	19.09	0.00	3490.06
MW - 4		02/28/08	3509.15	-	19.08	19.23	0.15	3490.05
MW - 4		03/05/08	3509.15	-	19.10	19.24	0.14	3490.03
MW - 4		03/13/08	3509.15	-	19.07	19.21	0.14	3490.06
MW - 4		03/19/08	3509.15	-	19.11	19.14	0.03	3490.04
MW - 4		03/24/08	3509.15	-	19.07	19.15	0.08	3490.07
MW - 4		04/02/08	3509.15	-	19.08	19.13	0.05	3490.06
MW - 4		04/07/08	3509.15	-	19.08	19.09	0.01	3490.07
MW - 4		04/14/08	3509.15	-	19.06	19.13	0.07	3490.08
MW - 4		04/23/08	3509.15	-	19.05	19.11	0.06	3490.09
MW - 4		05/07/08	3509.15	-	19.04	19.19	0.15	3490.09
MW - 4		05/13/08	3509.15	-	19.04	19.19	0.15	3490.09
MW - 4		05/14/08	3509.15	-	19.05	19.09	0.04	3490.09
MW - 4		05/19/08	3509.15	-	19.09	19.12	0.03	3490.06
MW - 4		06/09/08	3509.15	-	19.36	19.56	0.20	3489.76
MW - 4		06/16/08	3509.15	-	19.08	19.18	0.10	3490.06
MW - 4		06/23/08	3509.15	-	19.54	20.22	0.68	3489.51
MW - 4		06/30/08	3509.15	-	19.64	20.02	0.38	3489.45
MW - 4		07/14/08	3509.15	-	19.65	20.45	0.80	3489.38
MW - 4		07/22/08	3509.15	-	19.73	20.48	0.75	3489.31
MW - 4		07/29/08	3509.15	-	19.70	20.74	1.04	3489.29
MW - 4		08/04/08	3509.15	-	19.70	21.12	1.42	3489.24
MW - 4		08/11/08	3509.15	-	19.79	20.77	0.98	3489.21
MW - 4		08/14/08	3509.15	-	19.87	20.38	0.51	3489.20
MW - 4		08/18/08	3509.15	-	19.82	20.65	0.83	3489.21
MW - 4		08/28/08	3509.15	-	19.72	20.72	1.00	3489.28
MW - 4		09/17/08	3509.15	-	19.35	21.00	1.65	3489.55
MW - 4		09/29/08	3509.15	-	19.43	19.88	0.45	3489.65
MW - 4		10/06/08	3509.15	-	19.48	19.74	0.26	3489.63
MW - 4		10/13/08	3509.15	-	19.52	19.72	0.20	3489.60
MW - 4		10/20/08	3509.15	-	19.43	19.61	0.18	3489.69
MW - 4		10/29/08	3509.15	-	19.39	19.63	0.24	3489.72
MW - 4		10/30/08	3509.15	-	19.42	19.51	0.09	3489.72
MW - 4		11/06/08	3509.15	-	19.38	19.52	0.14	3489.75
MW - 4		11/12/08	3509.15	-	19.35	19.53	0.18	3489.77
MW - 4		11/13/08	3509.15	-	19.35	19.53	0.18	3489.77
MW - 4		12/16/08	3509.15	-	19.30	19.51	0.21	3489.82
MW - 4		12/19/08	3509.15	-	19.33	19.45	0.12	3489.80
MW - 4		12/22/08	3509.15	-	19.26	19.41	0.15	3489.87
MW - 4		01/06/09	3509.15	-	19.28	19.49	0.21	3489.84
MW - 4		01/12/09	3509.15	-	19.14	19.46	0.32	3489.96
MW - 4		01/19/09	3509.15	-	19.29	19.51	0.22	3489.83
MW - 4		01/22/09	3509.15	-	19.25	19.56	0.31	3489.85
MW - 4		01/26/09	3509.15	-	19.27	19.32	0.05	3489.87
MW - 4		02/10/09	3509.15	-	19.21	19.30	0.09	3489.93
MW - 4		02/13/09	3509.15	-	19.22	19.51	0.29	3489.89
MW - 4		02/16/09	3509.15	-	19.23	19.68	0.45	3489.85
MW - 4		02/24/09	3509.15	-	19.25	19.67	0.42	3489.84
MW - 4		03/02/09	3509.15	-	19.21	19.56	0.35	3489.89
MW - 4		03/05/09	3509.15	-	19.23	19.26	0.03	3489.92
MW - 4		03/09/09	3509.15	-	17.32	17.54	0.22	3491.80
MW - 4		03/16/09	3509.15	-	19.22	19.25	0.03	3489.93
MW - 4		03/19/09	3509.15	-	19.25	19.47	0.22	3489.87
MW - 4		03/25/09	3509.15	-	19.27	19.48	0.21	3489.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		03/30/09	3509.15	-	19.26	19.47	0.21	3489.86
MW - 4		04/13/09	3509.15	-	19.15	19.24	0.09	3489.99
MW - 4		04/16/09	3509.15	-	18.25	18.36	0.11	3490.88
MW - 4		04/21/09	3509.15	-	18.23	18.35	0.12	3490.90
MW - 4		04/27/09	3509.15	-	19.14	19.18	0.04	3490.00
MW - 4		04/30/09	3509.15	-	18.22	18.34	0.12	3490.91
MW - 4		05/06/09	3509.15	-	18.24	18.35	0.11	3490.89
MW - 4		05/12/09	3509.15	-	19.15	19.20	0.05	3489.99
MW - 4		05/19/09	3509.15	-	18.24	18.35	0.11	3490.89
MW - 4		05/26/09	3509.15	-	19.43	19.56	0.13	3489.70
MW - 4		06/01/09	3509.15	-	19.42	19.53	0.11	3489.71
MW - 4		06/05/09	3509.15	-	19.44	19.59	0.15	3489.69
MW - 4		06/12/09	3509.15	-	19.48	19.80	0.32	3489.62
MW - 4		06/15/09	3509.15	-	19.51	19.67	0.16	3489.62
MW - 4		06/22/09	3509.15	-	19.56	19.75	0.19	3489.56
MW - 4		06/24/09	3509.15	-	19.61	19.68	0.07	3489.53
MW - 4		06/29/09	3509.15	-	19.65	19.87	0.22	3489.47
MW - 4		07/06/09	3509.15	-	19.74	19.85	0.11	3489.39
MW - 4		07/09/09	3509.15	-	18.22	18.38	0.16	3490.91
MW - 4		07/13/09	3509.15	-	18.23	18.37	0.14	3490.90
MW - 4		07/20/09	3509.15	-	18.21	18.39	0.18	3490.91
MW - 4		07/23/09	3509.15	-	19.87	20.04	0.17	3489.25
MW - 4		07/27/09	3509.15	-	19.88	20.03	0.15	3489.25
MW - 4		07/29/09	3509.15	-	19.81	19.92	0.11	3489.32
MW - 4		08/03/09	3509.15	-	19.76	19.94	0.18	3489.36
MW - 4		08/10/09	3509.15	-	19.85	20.03	0.18	3489.27
MW - 4		08/10/09	3509.15	-	19.85	20.03	0.18	3489.27
MW - 4		08/18/09	3509.15	-	19.93	20.16	0.23	3489.19
MW - 4		08/24/09	3509.15	-	19.98	20.19	0.21	3489.14
MW - 4		08/28/09	3509.15	-	18.22	18.38	0.16	3490.91
MW - 4		08/31/09	3509.15	-	20.01	20.35	0.34	3489.09
MW - 4		09/02/09	3509.15	-	20.01	20.23	0.22	3489.11
MW - 4		09/08/09	3509.15	-	20.05	20.39	0.34	3489.05
MW - 4		09/10/09	3509.15	-	20.05	20.20	0.15	3489.08
MW - 4		09/16/09	3509.15	-	20.03	20.66	0.63	3489.03
MW - 4		09/18/09	3509.15	-	20.25	20.29	0.04	3488.89
MW - 4		09/22/09	3509.15	-	20.05	20.51	0.46	3489.03
MW - 4		09/28/09	3509.15	-	18.21	18.37	0.16	3490.92
MW - 4		10/09/09	3509.15	-	19.98	21.30	1.32	3488.97
MW - 4		10/12/09	3509.15	-	18.24	18.38	0.14	3490.89
MW - 4		10/15/09	3509.15	-	20.02	21.52	1.50	3488.91
MW - 4		10/20/09	3509.15	-	20.12	20.94	0.82	3488.91
MW - 4		10/26/09	3509.15	-	18.23	18.39	0.16	3490.90
MW - 4		10/28/09	3509.15	-	20.10	20.79	0.69	3488.95
MW - 4		11/03/09	3509.15	-	20.08	20.58	0.50	3489.00
MW - 4		11/12/09	3509.15	-	20.00	20.55	0.55	3489.07
MW - 4		11/18/09	3509.15	-	20.10	20.37	0.27	3489.01
MW - 4		12/03/09	3509.15	-	19.96	20.93	0.97	3489.04
MW - 4		12/11/09	3509.15	-	20.00	20.56	0.56	3489.07
MW - 4		12/16/09	3509.15	-	20.00	20.12	0.12	3489.13
MW - 4		12/21/09	3509.15	-	20.02	20.09	0.07	3489.12
MW - 4		12/28/09	3509.15	-	19.97	20.08	0.11	3489.16
MW - 4		01/04/10	3509.15	-	20.01	20.16	0.15	3489.12
MW - 4		01/14/10	3509.15	-	19.96	20.18	0.22	3489.16
MW - 4		01/20/10	3509.15	-	19.89	20.15	0.26	3489.22
MW - 4		01/25/10	3509.15	-	19.89	20.00	0.11	3489.24
MW - 4		01/27/10	3509.15	-	19.87	19.93	0.06	3489.27
MW - 4		02/01/10	3509.15	-	19.86	19.98	0.12	3489.27
MW - 4		02/08/10	3509.15	-	19.84	19.98	0.14	3489.29
MW - 4		02/08/10	3509.15	-	sheen	20.09	0.00	3489.06
MW - 4		02/09/10	3509.15	-	19.92	19.98	0.06	3489.22

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		02/19/10	3509.15	-	19.74	20.08	0.34	3489.36
MW - 4		02/26/10	3509.15	-	19.79	19.95	0.16	3489.34
MW - 4		03/01/10	3509.15	-	19.97	20.05	0.08	3489.17
MW - 4		03/04/10	3509.15	-	19.76	19.79	0.03	3489.39
MW - 4		03/08/10	3509.15	-	19.74	19.76	0.02	3489.41
MW - 4		03/11/10	3509.15	-	19.68	19.73	0.05	3489.46
MW - 4		03/15/10	3509.15	-	19.79	19.92	0.13	3489.34
MW - 4		03/17/10	3509.15	-	19.63	19.65	0.02	3489.52
MW - 4		03/22/10	3509.15	-	19.58	19.63	0.05	3489.56
MW - 4		03/29/10	3509.15	-	18.54	18.59	0.05	3490.60
MW - 4		04/05/10	3509.15	-	19.60	19.70	0.10	3489.54
MW - 4		04/14/10	3509.15	-	19.61	19.70	0.09	3489.53
MW - 4		04/16/10	3509.15	-	19.48	19.57	0.09	3489.66
MW - 4		04/19/10	3509.15	-	19.55	19.82	0.27	3489.56
MW - 4		04/28/10	3509.15	-	19.48	19.52	0.04	3489.66
MW - 4		05/05/10	3509.15	-	19.38	19.47	0.09	3489.76
MW - 4		05/12/10	3509.15	-	19.49	19.68	0.19	3489.63
MW - 4		05/14/10	3509.15	-	19.49	19.68	0.19	3489.63
MW - 4		05/21/10	3509.15	-	19.51	19.66	0.15	3489.62
MW - 4		05/26/10	3509.15	-	19.51	19.68	0.17	3489.61
MW - 4		06/04/10	3509.15	-	19.54	19.64	0.10	3489.60
MW - 4		06/07/10	3509.15	-	19.68	19.83	0.15	3489.45
MW - 4		06/12/10	3509.15	-	19.75	20.03	0.28	3489.36
MW - 4		06/24/10	3509.15	-	18.88	19.04	0.16	3490.25
MW - 4		06/30/10	3509.15	-	19.19	20.18	0.99	3489.81
MW - 4		07/07/10	3509.15	-	19.44	19.75	0.31	3489.66
MW - 4		07/12/10	3509.15	-	17.91	18.53	0.62	3491.15
MW - 4		07/19/10	3509.15	-	19.54	19.77	0.23	3489.58
MW - 4		07/26/10	3509.15	-	-	-	-	-
MW - 4		08/03/10	3509.15	-	19.24	19.41	0.17	3489.88
MW - 4		08/11/10	3509.15	-	19.20	19.46	0.26	3489.91
MW - 4		08/19/10	3509.15	-	19.19	19.29	0.10	3489.95
MW - 4		08/25/10	3509.15	-	19.26	19.65	0.39	3489.83
MW - 4		09/01/10	3509.15	-	19.29	19.74	0.45	3489.79
MW - 4		09/09/10	3509.15	-	19.37	19.92	0.55	3489.70
MW - 4		09/13/10	3509.15	-	19.21	19.44	0.23	3489.91
MW - 4		09/29/10	3509.15	-	19.44	19.79	0.35	3489.66
MW - 4		10/05/10	3509.15	-	19.23	19.45	0.22	3489.89
MW - 4		10/20/10	3509.15	-	19.26	19.43	0.17	3489.86
MW - 4		10/25/10	3509.15	-	19.25	19.41	0.16	3489.88
MW - 4		11/03/10	3509.15	-	18.73	19.01	0.28	3490.38
MW - 4		11/10/10	3509.15	-	18.53	18.94	0.41	3490.56
MW - 4		11/12/10	3509.15	-	18.53	18.94	0.41	3490.56
MW - 4		12/09/10	3509.15	-	19.25	19.51	0.26	3489.86
MW - 4		01/18/11	3509.15	-	18.55	18.92	0.37	3490.54
MW - 4		02/16/11	3509.15	-	18.53	19.93	1.40	3490.41
MW - 4		03/01/11	3509.15	-	19.40	19.56	0.16	3489.73
MW - 4		03/07/11	3509.15	-	19.38	19.68	0.30	3489.73
MW - 4		03/22/11	3509.15	-	18.53	19.93	1.40	3490.41
MW - 4		04/27/11	3509.15	-	19.15	19.82	0.67	3489.90
MW - 4		05/05/11	3509.15	-	19.45	19.76	0.31	3489.65
MW - 4		05/10/11	3509.15	-	19.51	19.85	0.34	3489.59
MW - 4		05/17/11	3509.15	-	19.52	19.94	0.42	3489.57
MW - 4		05/19/11	3509.15	-	19.52	19.94	0.42	3489.57
MW - 4		05/24/11	3509.15	-	19.62	20.02	0.40	3489.47
MW - 4		06/07/11	3509.15	-	19.76	20.07	0.31	3489.34
MW - 4		06/08/11	3509.15	-	19.79	20.00	0.21	3489.33
MW - 4		06/14/11	3509.15	-	19.85	20.14	0.29	3489.26
MW - 4		06/23/11	3509.15	-	19.79	20.10	0.31	3489.31
MW - 4		06/28/11	3509.15	-	19.83	20.05	0.22	3489.29
MW - 4		07/06/11	3509.15	-	20.08	20.23	0.15	3489.05

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		07/14/11	3509.15	-	19.93	20.15	0.22	3489.19
MW - 4		07/20/11	3509.15	-	20.11	20.33	0.22	3489.01
MW - 4		07/27/11	3509.15	-	20.15	20.36	0.21	3488.97
MW - 4		08/03/11	3509.15	-	20.14	20.35	0.21	3488.98
MW - 4		08/10/11	3509.15	-	20.21	20.71	0.50	3488.87
MW - 4		08/18/11	3509.15	-	20.23	20.45	0.22	3488.89
MW - 4		08/25/11	3509.15	-	20.28	20.50	0.22	3488.84
MW - 4		09/06/11	3509.15	-	19.56	19.87	0.31	3489.54
MW - 4		09/14/11	3509.15	-	20.34	20.86	0.52	3488.73
MW - 4		11/14/11	3509.15	-	20.15	20.22	0.07	3488.99
MW - 4		12/01/11	3509.15	-	20.07	20.16	0.09	3489.07
MW - 4		12/08/11	3509.15	-	20.09	20.28	0.19	3489.03
MW - 4		12/14/11	3509.15	-	20.12	20.21	0.09	3489.02
MW - 4		01/12/12	3509.15	-	20.03	20.25	0.22	3489.09
MW - 4		01/19/12	3509.15	-	19.99	20.20	0.21	3489.13
MW - 4		02/03/12	3509.15	-	19.95	20.19	0.24	3489.16
MW - 4		02/29/12	3509.15	-	19.84	20.20	0.36	3489.26
MW - 4		03/14/12	3509.15	-	19.79	20.13	0.34	3489.31
MW - 4		03/19/12	3509.15	-	19.70	19.95	0.25	3489.41
MW - 4		03/29/12	3509.15	-	19.74	20.00	0.26	3489.37
MW - 4		04/05/12	3509.15	-	19.71	19.97	0.26	3489.40
MW - 4		04/18/12	3509.15	-	19.67	19.93	0.26	3489.44
MW - 4		04/27/12	3509.15	-	19.71	19.97	0.26	3489.40
MW - 4		05/02/12	3509.15	-	19.77	20.01	0.24	3489.34
MW - 4		05/31/12	3509.15	-	19.72	20.10	0.38	3489.37
MW - 4		06/08/12	3509.15	-	19.76	20.34	0.58	3489.30
MW - 4		06/12/12	3509.15	-	19.83	20.18	0.35	3489.27
MW - 4		06/21/12	3509.15	-	19.82	20.17	0.35	3489.28
MW - 4		06/29/12	3509.15	-	19.90	20.05	0.15	3489.23
MW - 4		07/13/12	3509.15	-	20.10	20.35	0.25	3489.01
MW - 4		12/06/12	3509.15	-	20.52	21.61	1.09	3488.47
MW - 4		12/11/12	3509.15	-	20.53	21.63	1.10	3488.46
MW - 4		12/18/12	3509.15	-	20.52	21.47	0.95	3488.49
MW - 4		01/09/13	3509.15	-	20.55	21.02	0.47	3488.53
MW - 4		01/15/13	3509.15	-	20.55	20.91	0.36	3488.55
MW - 4		01/23/13	3509.15	-	20.55	20.94	0.39	3488.54
MW - 4		01/29/13	3509.15	-	20.51	20.83	0.32	3488.59
MW - 4		02/07/13	3509.15	-	20.51	20.89	0.38	3488.58
MW - 4		02/13/13	3509.15	-	20.48	20.66	0.18	3488.64
MW - 4		02/20/13	3509.15	-	-	20.43	0.00	3488.72
MW - 4		03/15/13	3509.15	-	20.43	20.63	0.20	3488.69
MW - 4		03/19/13	3509.15	-	20.42	20.59	0.17	3488.70
MW - 4		04/02/13	3509.15	-	20.38	20.63	0.25	3488.73
MW - 4		04/09/13	3509.15	-	20.39	20.52	0.13	3488.74
MW - 4		04/16/13	3509.15	-	20.38	20.49	0.11	3488.75
MW - 4		04/23/13	3509.15	-	20.38	20.49	0.11	3488.75
MW - 4		04/30/13	3509.15	-	20.34	20.52	0.18	3488.78
MW - 4		05/08/13	3509.15	-	20.35	20.46	0.11	3488.78
MW - 4		05/14/13	3509.15	-	20.32	20.41	0.09	3488.82
MW - 4		05/22/13	3509.15	-	20.31	20.42	0.11	3488.82
MW - 4		05/28/13	3509.15	-	20.33	20.40	0.07	3488.81
MW - 4		06/04/13	3509.15	-	20.38	20.46	0.08	3488.76
MW - 4		06/11/13	3509.15	-	20.44	20.57	0.13	3488.69
MW - 4		06/19/13	3509.15	-	20.50	20.59	0.09	3488.64
MW - 4		06/28/13	3509.15	-	20.63	20.73	0.10	3488.51
MW - 4		07/01/13	3509.15	-	20.69	20.72	0.03	3488.46
MW - 4		07/08/13	3509.15	-	20.74	20.81	0.07	3488.40
MW - 4		07/23/13	3509.15	-	20.77	20.86	0.09	3488.37
MW - 4		07/30/13	3509.15	-	20.70	20.77	0.07	3488.44
MW - 4		08/05/13	3509.15	-	20.69	20.71	0.02	3488.46
MW - 4		08/12/13	3509.15	-	20.72	20.79	0.07	3488.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4		08/22/13	3509.15	-	20.80	20.92	0.12	3488.33
MW - 4		08/29/13	3509.15	-	20.88	20.96	0.08	3488.26
MW - 4		09/05/13	3509.15	-	20.93	20.99	0.06	3488.21
MW - 4		09/10/13	3509.15	-	20.99	21.06	0.07	3488.15
MW - 4		09/17/13	3509.15	-	21.02	21.08	0.06	3488.12
MW - 4		09/24/13	3509.15	-	21.03	21.12	0.09	3488.11
MW - 4		10/07/13	3509.15	-	21.09	21.28	0.19	3488.03
MW - 4		11/14/13	-	-	23.60	23.85	0.25	-
MW - 4		11/21/13	-	-	23.60	23.90	0.30	-
MW - 4		12/12/13	-	-	23.52	23.81	0.29	-
MW - 4		12/19/13	-	-	23.52	23.80	0.28	-
MW - 4		01/03/14	-	-	23.46	23.73	0.27	-
MW - 4		01/09/14	-	-	23.47	23.78	0.31	-
MW - 4		01/13/14	-	-	23.47	23.77	0.30	-
MW - 4		01/21/14	-	-	23.43	23.73	0.30	-
MW - 4		01/24/14	-	-	23.47	23.73	0.26	-
MW - 4	John Flores	02/04/14	3513.35	-	23.40	23.72	0.32	3489.90
MW - 4		02/10/14	3513.35	-	23.42	23.71	0.29	3489.89
MW - 4	David F.	02/27/14	3513.35	-	23.33	23.62	0.29	3489.98
MW - 4	David F.	03/17/14	3513.35	-	23.31	23.55	0.24	3490.00
MW - 4	David F.	03/27/14	3513.35	-	23.29	23.55	0.26	3490.02
MW - 4	David & Jose	04/02/14	3513.35	-	23.33	23.48	0.15	3490.00
MW - 4	Manny & Lira	04/16/14	3513.35	-	23.25	23.56	0.31	3490.05
MW - 4	Manny & Chanc	04/22/14	3513.35	-	23.24	23.45	0.21	3490.08
MW - 4	David & Justin	04/28/14	3513.35	-	23.31	23.48	0.17	3490.01
MW - 4	Manny & Chanc	05/06/14	3513.35	-	23.23	23.52	0.29	3490.08
MW - 4	Manny	05/13/14	3513.35	-	23.29	23.74	0.45	3489.99
MW - 4	Jose & Chance	05/14/14	3513.35	-	23.28	23.54	0.26	3490.03
MW - 4	Manny	05/21/14	3513.35	-	23.26	23.62	0.36	3490.04
MW - 4	Manny & Chanc	06/05/14	3513.35	-	23.40	23.84	0.44	3489.88
MW - 4	Manny	06/11/14	3513.35	-	23.49	23.96	0.47	3489.79
MW - 4	Manny	06/16/14	3513.35	-	23.55	23.97	0.42	3489.74
MW - 4	Manny	06/24/14	3513.35	-	23.65	24.26	0.61	3489.61
MW - 4	Manny	07/01/14	3513.35	-	23.71	24.32	0.61	3489.55
MW - 4	David	07/08/14	3513.35	-	23.83	24.18	0.35	3489.47
MW - 4	Manny	07/15/14	3513.35	-	23.85	24.33	0.48	3489.43
MW - 4	Manny	07/22/14	3513.35	-	23.88	24.65	0.77	3489.35
MW - 4	Manny	07/23/14	3513.35	-	23.88	24.65	0.77	3489.35
MW - 4	Manny	07/31/14	3513.35	-	23.94	24.72	0.78	3489.29
MW - 4	David F.	08/05/14	3513.35	-	24.00	24.42	0.42	3489.29
MW - 4	Manny	08/07/14	3513.35	-	23.95	24.65	0.70	3489.30
MW - 4	Manny	08/15/14	3513.35	-	23.48	24.47	0.99	3489.72
MW - 4	Manny	08/20/14	3513.35	-	24.00	24.77	0.77	3489.23
MW - 4	Manny	08/27/14	3513.35	-	24.05	24.61	0.56	3489.22
MW - 4	Manny	09/24/14	3513.35	-	23.51	23.80	0.29	3489.80
MW - 4	Manny	10/01/14	3513.35	-	23.17	23.24	0.07	3490.17
MW - 4	Manny	10/07/14	3513.35	-	23.04	23.12	0.08	3490.30
MW - 4	Manny	10/14/14	3513.35	-	22.99	23.05	0.06	3490.35
MW - 4	Manny	10/20/14	3513.35	-	22.95	23.07	0.12	3490.38
MW - 4	Manny	10/27/14	3513.35	-	22.92	23.04	0.12	3490.41
MW - 4	Chance	10/28/14	3513.35	-	-	-	-	-
MW - 4	Manny	11/03/14	3513.35	-	-	-	-	-
MW - 4	Manny	11/11/14	3513.35	-	22.91	23.00	0.09	3490.43
MW - 4	Manny	11/19/14	3513.35	-	22.85	23.11	0.26	3490.46
MW - 4	Manny	12/08/14	3513.35	-	22.85	23.00	0.15	3490.48
MW - 4	Manny	12/15/14	3513.35	-	22.85	23.00	0.15	3490.48
MW - 4	Manny	12/18/14	3513.35	-	22.81	22.93	0.12	3490.52
MW - 4	Manny	12/22/14	3513.35	-	22.81	22.93	0.12	3490.52
MW - 4	Manny	12/29/14	3513.35	-	22.81	22.92	0.11	3490.52
MW - 4	Manny	01/05/15	3513.35	-	22.82	22.91	0.09	3490.52
MW - 4	Manny	01/12/15	3513.35	-	22.85	22.95	0.10	3490.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Manny	01/19/15	3513.35	-	22.80	22.91	0.11	3490.53
MW - 4	Manny	02/04/15	3513.35	-	22.80	22.92	0.12	3490.53
MW - 4	Manny/Matt	02/09/15	3513.35	-	22.79	22.88	0.09	3490.55
MW - 4	Carlos/Matt	02/19/15	3513.35	-	22.79	22.88	0.09	3490.55
MW - 4	Manny/Art	03/03/15	3513.35	-	22.76	22.83	0.07	3490.58
MW - 4	Manny	03/09/15	3513.35	-	22.79	22.82	0.03	3490.56
MW - 4	Carlos/Matt	03/16/15	3513.35	-	22.78	22.82	0.04	3490.56
MW - 4	Manny	03/20/15	3513.35	-	22.80	22.85	0.05	3490.54
MW - 4	Carlos	03/23/15	3513.35	-	22.76	22.79	0.03	3490.59
MW - 4	Manny/Art	03/30/15	3513.35	-	22.75	22.85	0.10	3490.59
MW - 4	Manny	04/04/15	3513.35	-	-	22.28	0.00	3491.07
MW - 4	Manny/Art	04/07/15	3513.35	-	22.75	22.80	0.05	3490.59
MW - 4	Manny/Art	04/14/15	3513.35	-	22.77	22.80	0.03	3490.58
MW - 4	Carlos/Matt	04/20/15	3513.35	-	22.71	22.72	0.01	3490.64
MW - 4	Manny/Art	04/27/15	3513.35	-	-	22.76	0.00	3490.59
MW - 4	Carlos	05/07/15	3513.35	-	-	22.73	0.00	3490.62
MW - 4	Carlos	05/11/15	3513.35	-	-	22.75	0.00	3490.60
MW - 4	Carlos	05/21/15	3513.35	-	-	22.70	0.00	3490.65
MW - 4	Manny/Art	05/27/15	3513.35	34.25	-	22.67	0.00	3490.68
MW - 4	Carlos	05/28/15	3513.35	-	-	22.65	0.00	3490.70
MW - 4	Manny	06/03/15	3513.35	-	-	22.66	0.00	3490.69
MW - 4	Manny	06/08/15	3513.35	-	-	22.66	0.00	3490.69
MW - 4	Manny	06/15/15	3513.35	-	-	22.70	0.00	3490.65
MW - 4	Arthur	06/25/15	3513.35	-	-	22.64	0.00	3490.71
MW - 4	Manny/Arthur	06/29/15	3513.35	-	-	22.68	0.00	3490.67
MW - 4	Manny	07/08/15	3513.35	-	-	22.78	0.00	3490.57
MW - 4	Carlos	07/09/15	3513.35	-	-	22.74	0.00	3490.61
MW - 4	Manny	07/14/15	3513.35	-	-	22.82	0.00	3490.53
MW - 4	Arthur	07/20/15	3513.35	-	-	22.88	0.00	3490.47
MW - 4	Manny	07/28/15	3513.35	-	-	22.97	0.00	3490.38
MW - 4	Manny/Arthur	08/03/15	3513.35	34.20	-	23.02	0.00	3490.33
MW - 4	Carlos	08/04/15	3513.35	-	-	23.02	0.00	3490.33
MW - 4	Carlos	08/10/15	3513.35	-	-	23.09	0.00	3490.26
MW - 4	Carlos	08/17/15	3513.35	-	-	23.13	0.00	3490.22
MW - 4	Carlos	08/25/15	3513.35	-	-	23.13	0.00	3490.22
MW - 4	Arthur/Carlos	08/31/15	3513.35	-	-	22.09	0.00	3491.26
MW - 4	Carlos	09/08/15	3513.35	-	-	23.16	0.00	3490.19
MW - 4	Carlos	09/15/15	3513.35	-	-	23.23	0.00	3490.12
MW - 4	Manny	09/24/15	3513.35	-	-	23.29	0.00	3490.06
MW - 4	Manny	09/28/15	3513.35	-	-	23.26	0.00	3490.09
MW - 4	Manny	10/06/15	3513.35	-	-	23.23	0.00	3490.12
MW - 4	Carlos	10/12/15	3513.35	-	-	23.15	0.00	3490.20
MW - 4	Manny	10/26/15	3513.35	-	-	23.01	0.00	3490.34
MW - 4	Manny	11/06/15	3513.35	-	-	22.91	0.00	3490.44
MW - 4	Carlos	11/10/15	3513.35	-	-	22.86	0.00	3490.49
MW - 4	Manny	11/18/15	3513.35	34.18	-	22.85	0.00	3490.50
MW - 4	Carlos	12/02/15	3513.35	-	-	22.82	0.00	3490.53
MW - 4	Carlos	12/07/15	3513.35	-	-	22.76	0.00	3490.59
MW - 4	Carlos	12/14/15	3513.35	-	-	22.82	0.00	3490.53
MW - 4	Carlos	01/05/16	3513.35	-	-	22.77	0.00	3490.58
MW - 4	Manny	01/08/16	3513.35	-	-	22.72	0.00	3490.63
MW - 4	Manny	01/12/16	3513.35	-	-	22.75	0.00	3490.60
MW - 4	Carlos	01/18/16	3513.35	-	-	22.74	0.00	3490.61
MW - 4	Carlos	01/25/16	3513.35	-	-	22.75	0.00	3490.60
MW - 4	Carlos	02/01/16	3513.35	-	-	22.74	0.00	3490.61
MW - 4	Carlos	02/08/16	3513.35	-	-	22.73	0.00	3490.62
MW - 4	Carlos	02/19/16	3513.35	-	-	22.67	0.00	3490.68
MW - 4	Manny	02/23/16	3513.35	34.16	-	22.63	0.00	3490.72
MW - 4	Manny	03/03/16	3513.35	-	-	22.67	0.00	3490.68
MW - 4	Carlos	03/07/16	3513.35	-	-	22.61	0.00	3490.74
MW - 4	Carlos	03/15/16	3513.35	-	-	22.57	0.00	3490.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Manny	03/21/16	3513.35	-	-	22.54	0.00	3490.81
MW - 4	Carlos	03/28/16	3513.35	-	-	22.53	0.00	3490.82
MW - 4	Carlos	04/05/16	3513.35	-	-	22.49	0.00	3490.86
MW - 4	Manny	04/08/16	3513.35	-	-	22.56	0.00	3490.79
MW - 4	Carlos	04/12/16	3513.35	-	-	22.55	0.00	3490.80
MW - 4	Carlos	04/18/16	3513.35	-	-	22.51	0.00	3490.84
MW - 4	Carlos	04/25/16	3513.35	-	-	22.47	0.00	3490.88
MW - 4	Carlos	05/02/16	3513.35	-	-	22.48	0.00	3490.87
MW - 4	Carlos	05/23/16	3513.35	-	-	22.42	0.00	3490.93
MW - 4	Carlos	06/01/16	3513.35	-	-	22.54	0.00	3490.81
MW - 4	Manny	06/06/16	3513.35	34.13	-	22.60	0.00	3490.75
MW - 4	Carlos	06/09/16	3513.35	-	-	22.61	0.00	3490.74
MW - 4	Carlos	06/28/16	3513.35	-	-	22.83	0.00	3490.52
MW - 4	Manny	07/12/16	3513.35	-	23.02	23.03	0.01	3490.33
MW - 4	Carlos	07/19/16	3513.35	-	23.10	23.12	0.02	3490.25
MW - 4	Carlos	07/27/16	3513.35	-	-	23.20	0.00	3490.15
MW - 4	Manny/ Wes	08/03/16	3513.35	34.08	-	23.22	0.00	3490.13
MW - 4	Carlos	08/08/16	3513.35	-	-	23.30	0.00	3490.05
MW - 4	Carlos	08/16/16	3513.35	-	-	23.33	0.00	3490.02
MW - 4	Carlos	08/23/16	3513.35	-	-	23.38	0.00	3489.97
MW - 4	Manny	08/31/16	3513.35	-	-	23.20	0.00	3490.15
MW - 4	Carlos	09/14/16	3513.35	-	-	22.55	0.00	3490.80
MW - 4	Carlos	09/22/16	3513.35	-	-	22.38	0.00	3490.97
MW - 4	Manny	09/27/16	3513.35	-	-	22.35	0.00	3491.00
MW - 4	Wesley	10/07/16	3513.35	-	-	22.24	0.00	3491.11
MW - 4	Manny	10/21/16	3513.35	-	-	-	0.00	-
MW - 4	Manny	10/28/16	3513.35	-	-	-	0.00	-
MW - 4	Manny	11/04/16	3513.35	-	-	-	0.00	-
MW - 4	Wesley	12/06/16	3513.35	-	-	22.16	0.00	3491.19
MW - 4	Manny	12/15/16	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Manny	12/22/16	3513.35	-	-	22.25	0.00	3491.10
MW - 4	Manny	12/29/16	3513.35	-	-	22.28	0.00	3491.07
MW - 4	Carlos	01/05/17	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Manny	01/11/17	3513.35	-	-	22.18	0.00	3491.17
MW - 4	Carlos	01/18/17	3513.35	-	-	22.18	0.00	3491.17
MW - 4	Manny	01/26/17	3513.35	-	-	22.23	0.00	3491.12
MW - 4	Manny	01/31/17	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Carlos	02/10/17	3513.35	-	-	22.18	0.00	3491.17
MW - 4	Wesley	02/17/17	3513.35	-	-	22.13	0.00	3491.22
MW - 4	Manny	02/24/17	3513.35	-	-	22.21	0.00	3491.14
MW - 4	Manny	03/01/17	3513.35	34.11	-	22.23	0.00	3491.12
MW - 4	Carlos	03/09/17	3513.35	-	-	22.19	0.00	3491.16
MW - 4	Wesley	03/15/17	3513.35	-	-	22.16	0.00	3491.19
MW - 4	Manny	03/22/17	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Carlos	03/29/17	3513.35	-	-	22.23	0.00	3491.12
MW - 4	Manny	04/07/17	3513.35	-	-	22.15	0.00	3491.20
MW - 4	Wesley	04/11/17	3513.35	-	-	22.11	0.00	3491.24
MW - 4	Manny	04/20/17	3513.35	-	-	22.09	0.00	3491.26
MW - 4	Jeremy	05/02/17	3513.35	-	-	22.07	0.00	3491.28
MW - 4	Manny	05/12/17	3513.35	-	-	22.12	0.00	3491.23
MW - 4	Jeremy	05/16/17	3513.35	-	-	22.11	0.00	3491.24
MW - 4	Manny	05/24/17	3513.35	34.05	-	22.18	0.00	3491.17
MW - 4	Jeremy	06/05/17	3513.35	-	-	22.28	0.00	3491.07
MW - 4	Manny	06/15/17	3513.35	-	-	22.49	0.00	3490.86
MW - 4	Jeremy	06/28/17	3513.35	-	-	22.55	0.00	3490.80
MW - 4	Jeremy	07/05/17	3513.35	-	-	22.66	0.00	3490.69
MW - 4	Jeremy	07/11/17	3513.35	-	-	22.68	0.00	3490.67
MW - 4	Jeremy	07/17/17	3513.35	-	-	22.74	0.00	3490.61
MW - 4	Jeremy	07/20/17	3513.35	-	-	22.78	0.00	3490.57
MW - 4	Jeremy	08/16/17	3513.35	33.93	-	22.68	0.00	3490.67
MW - 4	Jeremy	09/05/17	3513.35	-	-	22.51	0.00	3490.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Jeremy	09/13/17	3513.35	-	-	22.63	0.00	3490.72
MW - 4	Jeremy	09/19/17	3513.35	-	-	22.69	0.00	3490.66
MW - 4	Jeremy	09/29/17	3513.35	-	-	26.61	0.00	3486.74
MW - 4	Jeremy	10/05/17	3513.35	-	-	26.65	0.00	3486.70
MW - 4	Jeremy	10/12/17	3513.35	-	-	22.67	0.00	3490.68
MW - 4	Jeremy	10/20/17	3513.35	-	-	22.55	0.00	3490.80
MW - 4	Jeremy	10/24/17	3513.35	-	-	22.41	0.00	3490.94
MW - 4	Jeremy	11/02/17	3513.35	-	-	22.34	0.00	3491.01
MW - 4	Manny / Jeremy	11/14/17	3513.35	33.95	-	22.31	0.00	3491.04
MW - 4	Jeremy	12/20/17	3513.35	-	-	19.24	0.00	3494.11
MW - 4	Jeremy	12/28/17	3513.35	-	-	22.21	0.00	3491.14
MW - 4	Jeremy	01/03/18	3513.35	-	-	21.23	0.00	3492.12
MW - 4	Jeremy	01/09/18	3513.35	-	-	22.20	0.00	3491.15
MW - 4	Jeremy	01/19/18	3513.35	-	-	22.24	0.00	3491.11
MW - 4	Jeremy	01/24/18	3513.35	-	-	22.23	0.00	3491.12
MW - 4	Jeremy	02/08/18	3513.35	33.88	-	22.23	0.00	3491.12
MW - 4	Jeremy	02/12/18	3513.35	-	-	22.19	0.00	3491.16
MW - 4	Jeremy	02/22/18	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Jeremy	03/02/18	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Jeremy	03/07/18	3513.35	-	-	22.17	0.00	3491.18
MW - 4	Jeremy	03/19/18	3513.35	-	-	22.14	0.00	3491.21
MW - 4	Jeremy	03/29/18	3513.35	-	-	22.15	0.00	3491.20
MW - 4	Jeremy	04/02/18	3513.35	-	-	22.10	0.00	3491.25
MW - 4	Jeremy	04/11/18	3513.35	-	-	22.09	0.00	3491.26
MW - 4	Jeremy	04/16/18	3513.35	-	-	22.10	0.00	3491.25
MW - 4	Jeremy	04/25/18	3513.35	-	-	22.13	0.00	3491.22
MW - 4	Jeremy	05/01/18	3513.35	-	-	22.10	0.00	3491.25
MW - 4	Jeremy	05/08/18	3513.35	-	-	22.13	0.00	3491.22
MW - 4	Jeremy	05/22/18	3513.35	33.78	-	22.34	0.00	3491.01
MW - 4	Jeremy	05/31/18	3513.35	-	-	22.48	0.00	3490.87
MW - 4	Jeremy	06/06/18	3513.35	-	-	22.59	0.00	3490.76
MW - 4	Jeremy	06/13/18	3513.35	-	-	22.59	0.00	3490.76
MW - 4	Jeremy	06/18/18	3513.35	-	-	22.63	0.00	3490.72
MW - 4	Jeremy	06/25/18	3513.35	-	-	22.67	0.00	3490.68
MW - 4	Jeremy	07/02/18	3513.35	-	-	22.75	0.00	3490.60
MW - 4	Jeremy	07/11/18	3513.35	-	-	22.81	0.00	3490.54
MW - 4	Jeremy	07/19/18	3513.35	-	-	22.86	0.00	3490.49
MW - 4	Jeremy	07/27/18	3513.35	-	-	22.94	0.00	3490.41
MW - 4	Jeremy/ Wesley	08/08/18	3513.35	33.81	-	23.05	0.00	3490.30
MW - 4	Jeremy	08/30/18	3513.35	33.81	-	23.12	0.00	3490.23
MW - 4	Jeremy	09/12/18	3513.35	33.81	-	23.10	0.00	3490.25
MW - 4	Jeremy	09/20/18	3513.35	33.81	-	22.97	0.00	3490.38
MW - 4	Jeremy	09/26/18	3513.35	33.81	-	23.04	0.00	3490.31
MW - 4	Jeremy	10/03/18	3513.35	33.81	-	22.96	0.00	3490.39
MW - 4	Jeremy	10/19/18	3513.35	33.81	-	22.96	0.00	3490.39
MW - 4	Jeremy	10/31/18	3513.35	33.81	-	22.85	0.00	3490.50
MW - 4	Jeremy	11/06/18	3513.35	33.81	-	22.56	0.00	3490.79
MW - 4	Jeremy	11/13/18	3513.35	33.78	-	22.86	0.00	3490.49
MW - 4	Jeremy	12/03/18	3513.35	33.78	-	22.75	0.00	3490.60
MW - 4	Manny/Elias	12/19/18	3513.35	-	-	22.63	0.00	3490.72
MW - 4	Jeremy	12/27/18	3513.35	-	-	22.60	0.00	3490.75
MW - 4	Jeremy	01/03/19	3513.35	-	-	22.62	0.00	3490.73
MW - 4	Jeremy	01/09/19	3513.35	-	-	22.59	0.00	3490.76
MW - 4	Jeremy	01/16/19	3513.35	-	-	22.57	0.00	3490.78
MW - 4	Jeremy	01/31/19	3513.35	-	-	22.57	0.00	3490.78
MW - 4	Jeremy	02/13/19	3513.35	**33.81**	-	22.53	0.00	3490.82
MW - 4	Jeremy	02/28/19	3513.35	-	-	22.48	0.00	3490.87
MW - 4	Jeremy	03/06/19	3513.35	-	-	22.45	0.00	3490.90
MW - 4	Elias	03/12/19	3513.35	-	-	22.42	0.00	3490.93
MW - 4	Elias	03/19/19	3513.35	-	-	22.45	0.00	3490.90
MW - 4	Elias	03/28/19	3513.35	-	-	22.46	0.00	3490.89

TABLE 4

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NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 4	Elias	04/01/19	3513.35	-	-	22.42	0.00	3490.93
MW - 4	Elias	04/10/19	3513.35	-	-	22.36	0.00	3490.99
MW - 4	Elias	04/17/19	3513.35	-	-	22.38	0.00	3490.97
MW - 4	Elias	04/24/19	3513.35	-	-	22.37	0.00	3490.98
MW - 4	Elias	05/01/19	3513.35	-	-	22.40	0.00	3490.95
MW - 4	Elias	05/08/19	3513.35	33.80	-	22.36	0.00	3490.99
MW - 4	Elias	06/14/19	3513.35	-	-	22.62	0.00	3490.73
MW - 4	Elias	06/18/19	3513.35	-	-	22.62	0.00	3490.73
MW - 4	Elias	07/11/19	3513.35	-	-	22.88	0.00	3490.47
MW - 4	Elias	08/08/19	3513.35	33.75	-	23.08	0.00	3490.27
MW - 4	Elias	09/05/19	3513.35	-	-	-	-	-
MW - 4	Elias	09/12/19	3513.35	-	-	23.27	0.00	3490.08
MW - 4	Elias	09/17/19	3513.35	-	-	23.26	0.00	3490.09
MW - 4	Elias	09/23/19	3513.35	-	-		0.00	3513.35
MW - 4	Elias	10/15/19	3513.35	-	-	23.07	0.00	3490.28
MW - 4	Elias	11/06/19	3513.35	33.69	-	22.99	0.00	3490.36
MW - 4	Elias	11/13/19	3513.35	33.66	-	22.93	0.00	3490.42
MW - 4	Elias	12/17/19	3513.35	-	-	22.78	0.00	3490.57
MW - 4	Elias	01/06/20	3513.35	-	-	22.71	0.00	3490.64
MW - 4	Elias	01/23/20	3513.35	-	-	22.67	0.00	3490.68
MW - 4	Elias	01/29/20	3513.35	-	-	22.65	0.00	3490.70
MW - 4	Elias	02/28/20	3513.35	-	-	22.60	0.00	3490.75
MW - 4	Elias	03/05/20	3513.35	33.66	-	22.60	0.00	3490.75
MW - 4	Manny	05/14/20	3513.35	-	-	22.35	0.00	3491.00
MW - 4	Manny	06/18/20	3513.35	33.65	-	22.84	0.00	3490.51
MW - 4	Manny	07/21/20	3513.35	-	-	23.16	0.00	3490.19
MW - 4	Manny	08/13/20	3513.35	33.66	-	23.28	0.00	3490.07
MW - 4	Manny	09/14/20	3513.35	-	-	23.43	0.00	3489.92
MW - 4	Manny	12/10/20	3513.35	33.60	-	23.49	0.00	3489.86
MW - 4	Manny	01/13/21	3513.35	-	-	23.42	0.00	3489.93
MW - 4	Manny	02/11/21	3513.35	33.63	-	23.37	0.00	3489.98
MW - 4	Manny	04/21/21	3513.35	-	-	23.25	0.00	3490.10
MW - 4	Manny	06/11/21	3513.35	33.58	-	23.27	0.00	3490.08
MW - 4	Manny	09/23/21	3513.35	-	23.57	23.59	0.02	3489.78
MW - 4	Manny	10/14/21	3513.35	-	23.60	23.61	0.01	3489.75
MW - 4	Manny	10/28/21	3513.35	-	23.65	23.66	0.01	3489.70
MW - 4	Manny	12/06/21	3513.35	33.59	-	23.69	0.00	3489.66
MW - 4	Manny	03/16/22	3513.35	33.58	-	23.53	0.00	3489.82
MW - 4	Manny	04/20/22	3513.35	-	-	23.52	0.00	3489.83
MW - 4	Manny	05/11/22	3513.35	-	-	23.71	0.00	3489.64
MW - 4	Manny	08/16/22	3513.35	24.48	24.07	24.08	0.01	3489.28
MW - 4	Manny	11/11/22	3513.35	26.22	-	23.82	0.00	3489.53
MW - 4	Manny	02/28/23	3513.35	-	23.47	23.55	0.08	3489.87
MW - 4	Manny	04/13/23	3513.35	-	-	23.38	0.00	3489.97
MW - 4	Manny	05/11/23	3513.35	25.15	-	23.33	0.00	3490.02
MW - 4	Manny	08/18/23	3513.35	29.46	-	24.05	0.00	3489.30
MW - 4	Manny	12/14/23	3513.35	32.32	-	23.73	0.00	3489.62
MW - 4	Manny	02/26/24	3513.35	32.43	-	23.52	0.00	3489.83
MW - 4	Manny	06/17/24	3513.35	32.19	-	23.87	0.00	3489.48
MW - 4	Manny	09/23/24	3513.35	32.14	-	24.30	0.00	3489.05
MW - 4	Manny	12/09/24	3513.35	32.19	-	24.17	0.00	3489.18
MW - 5		06/20/02	3509.96	-	-	21.23	0.00	3488.73
MW - 5		09/26/02	3509.96	-	-	21.69	0.00	3488.27
MW - 5		11/07/02	3509.96	-	-	21.60	0.00	3488.36
MW - 5		11/12/02	3509.96	-	-	21.58	0.00	3488.38
MW - 5		01/27/03	3509.96	-	-	21.26	0.00	3488.70
MW - 5		02/12/03	3509.96	-	-	21.30	0.00	3488.66
MW - 5		03/11/03	3509.96	-	-	21.24	0.00	3488.72
MW - 5		03/19/03	3509.96	-	-	21.20	0.00	3488.76
MW - 5		04/16/03	3509.96	-	-	21.08	0.00	3488.88

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		04/29/03	3509.96	-	-	21.11	0.00	3488.85
MW - 5		05/14/03	3509.96	-	-	21.25	0.00	3488.71
MW - 5		05/20/03	3509.96	-	-	21.46	0.00	3488.50
MW - 5		05/27/03	3509.96	-	-	21.43	0.00	3488.53
MW - 5		06/04/03	3509.96	-	-	21.45	0.00	3488.51
MW - 5		07/07/03	3509.96	-	-	22.11	0.00	3487.85
MW - 5		07/30/03	3509.96	-	-	22.01	0.00	3487.95
MW - 5		08/06/03	3509.96	-	-	22.24	0.00	3487.72
MW - 5		08/21/03	3509.96	-	sheen	22.43	0.00	3487.53
MW - 5		08/26/03	3509.96	-	-	22.62	0.00	3487.34
MW - 5		09/08/03	3509.96	-	-	22.39	0.00	3487.57
MW - 5		09/15/03	3509.96	-	-	22.28	0.00	3487.68
MW - 5		09/24/03	3509.96	-	-	22.62	0.00	3487.34
MW - 5		10/02/03	3509.96	-	-	22.48	0.00	3487.48
MW - 5		10/08/03	3509.96	-	-	22.37	0.00	3487.59
MW - 5		10/16/03	3509.96	-	-	22.67	0.00	3487.29
MW - 5		10/28/03	3509.96	-	-	22.72	0.00	3487.24
MW - 5		11/18/03	3509.96	-	-	22.55	0.00	3487.41
MW - 5		12/10/03	3509.96	-	22.41	22.42	0.01	3487.55
MW - 5		02/02/04	3509.96	-	-	22.76	0.00	3487.20
MW - 5		02/11/04	3509.96	-	-	22.22	0.00	3487.74
MW - 5		02/26/04	3509.96	-	-	22.22	0.00	3487.74
MW - 5		03/16/04	3509.96	-	-	22.21	0.00	3487.75
MW - 5		03/19/04	3509.96	-	-	22.36	0.00	3487.60
MW - 5		03/25/04	3509.96	-	-	22.35	0.00	3487.61
MW - 5		04/01/04	3509.96	-	-	22.32	0.00	3487.64
MW - 5		04/08/04	3509.96	-	-	21.74	0.00	3488.22
MW - 5		04/14/04	3509.96	-	-	21.71	0.00	3488.25
MW - 5		04/16/04	3509.96	-	-	21.84	0.00	3488.12
MW - 5		04/22/04	3509.96	-	-	21.04	0.00	3488.92
MW - 5		04/29/04	3509.96	-	21.01	21.02	0.01	3488.95
MW - 5		05/11/04	3509.96	-	-	21.11	0.00	3488.85
MW - 5		06/08/04	3509.96	-	-	21.09	0.00	3488.87
MW - 5		06/17/04	3509.96	-	21.03	21.08	0.05	3488.92
MW - 5		06/22/04	3509.96	-	21.07	21.10	0.03	3488.89
MW - 5		06/29/04	3509.96	-	21.05	21.12	0.07	3488.90
MW - 5		07/06/04	3509.96	-	-	21.13	0.00	3488.83
MW - 5		07/13/04	3509.96	-	-	21.18	0.00	3488.78
MW - 5		07/20/04	3509.96	-	-	23.11	0.00	3486.85
MW - 5		08/04/04	3509.96	-	-	23.36	0.00	3486.60
MW - 5		08/10/04	3509.96	-	-	21.35	0.00	3488.61
MW - 5		08/16/04	3509.96	-	sheen	21.48	0.00	3488.48
MW - 5		08/23/04	3509.96	-	sheen	21.39	0.00	3488.57
MW - 5		08/25/04	3509.96	-	-	21.35	0.00	3488.61
MW - 5		08/26/04	3509.96	-	sheen	21.38	0.00	3488.58
MW - 5		08/31/04	3509.96	-	sheen	21.70	0.00	3488.26
MW - 5		09/13/04	3509.96	-	sheen	21.57	0.00	3488.39
MW - 5		09/20/04	3509.96	-	sheen	21.60	0.00	3488.36
MW - 5		09/30/04	3509.96	-	sheen	21.63	0.00	3488.33
MW - 5		10/04/04	3509.96	-	sheen	21.12	0.00	3488.84
MW - 5		10/11/04	3509.96	-	sheen	20.86	0.00	3489.10
MW - 5		10/18/04	3509.96	-	sheen	20.84	0.00	3489.12
MW - 5		10/26/04	3509.96	-	sheen	20.97	0.00	3488.99
MW - 5		11/02/04	3509.96	-	sheen	20.83	0.00	3489.13
MW - 5		11/08/04	3509.96	-	sheen	21.81	0.00	3488.15
MW - 5		11/15/04	3509.96	-	sheen	20.80	0.00	3489.16
MW - 5		12/01/04	3509.96	-	-	20.70	0.00	3489.26
MW - 5		12/03/04	3509.96	-	-	20.70	0.00	3489.26
MW - 5		12/14/04	3509.96	-	sheen	20.57	0.00	3489.39
MW - 5		12/21/04	3509.96	-	sheen	20.51	0.00	3489.45
MW - 5		12/29/04	3509.96	-	sheen	20.44	0.00	3489.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		01/11/05	3509.96	-	sheen	20.53	0.00	3489.43
MW - 5		01/14/05	3509.96	-	sheen	20.30	0.00	3489.66
MW - 5		01/18/05	3509.96	-	sheen	20.28	0.00	3489.68
MW - 5		01/21/05	3509.96	-	sheen	20.25	0.00	3489.71
MW - 5		01/25/05	3509.96	-	sheen	20.20	0.00	3489.76
MW - 5		01/28/05	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		02/02/05	3509.96	-	sheen	20.17	0.00	3489.79
MW - 5		02/05/05	3509.96	-	sheen	20.10	0.00	3489.86
MW - 5		02/08/05	3509.96	-	sheen	20.13	0.00	3489.83
MW - 5		02/11/05	3509.96	-	sheen	20.14	0.00	3489.82
MW - 5		02/15/05	3509.96	-	sheen	20.07	0.00	3489.89
MW - 5		02/18/05	3509.96	-	sheen	20.07	0.00	3489.89
MW - 5		02/22/05	3509.96	-	sheen	20.03	0.00	3489.93
MW - 5		02/25/05	3509.96	-	sheen	20.00	0.00	3489.96
MW - 5		03/01/05	3509.96	-	sheen	19.96	0.00	3490.00
MW - 5		03/04/05	3509.96	-	sheen	19.97	0.00	3489.99
MW - 5		03/08/05	3509.96	-	sheen	19.92	0.00	3490.04
MW - 5		03/08/05	3509.96	-	sheen	19.92	0.00	3490.04
MW - 5		03/11/05	3509.96	-	sheen	19.96	0.00	3490.00
MW - 5		03/15/05	3509.96	-	sheen	19.90	0.00	3490.06
MW - 5		03/18/05	3509.96	-	sheen	19.91	0.00	3490.05
MW - 5		03/22/05	3509.96	-	sheen	19.87	0.00	3490.09
MW - 5		03/28/05	3509.96	-	sheen	19.75	0.00	3490.21
MW - 5		04/01/05	3509.96	-	sheen	20.38	0.00	3489.58
MW - 5		04/05/05	3509.96	-	sheen	19.72	0.00	3490.24
MW - 5		04/08/05	3509.96	-	sheen	19.73	0.00	3490.23
MW - 5		04/12/05	3509.96	-	sheen	19.68	0.00	3490.28
MW - 5		04/15/05	3509.96	-	sheen	19.66	0.00	3490.30
MW - 5		05/25/05	3509.96	-	sheen	19.47	0.00	3490.49
MW - 5		05/27/05	3509.96	-	sheen	19.46	0.00	3490.50
MW - 5		05/31/05	3509.96	-	sheen	19.45	0.00	3490.51
MW - 5		06/03/05	3509.96	-	sheen	19.43	0.00	3490.53
MW - 5		06/06/05	3509.96	-	sheen	19.42	0.00	3490.54
MW - 5		06/08/05	3509.96	-	-	19.42	0.00	3490.54
MW - 5		06/13/05	3509.96	-	sheen	19.44	0.00	3490.52
MW - 5		06/20/05	3509.96	-	sheen	19.49	0.00	3490.47
MW - 5		06/24/05	3509.96	-	sheen	19.50	0.00	3490.46
MW - 5		06/27/05	3509.96	-	sheen	19.55	0.00	3490.41
MW - 5		07/11/05	3509.96	-	sheen	19.75	0.00	3490.21
MW - 5		07/15/05	3509.96	-	sheen	19.79	0.00	3490.17
MW - 5		07/18/05	3509.96	-	sheen	19.86	0.00	3490.10
MW - 5		07/21/05	3509.96	-	sheen	19.88	0.00	3490.08
MW - 5		07/25/05	3509.96	-	sheen	19.97	0.00	3489.99
MW - 5		08/01/05	3509.96	-	sheen	19.18	0.00	3490.78
MW - 5		08/04/05	3509.96	-	sheen	19.19	0.00	3490.77
MW - 5		08/12/05	3509.96	-	sheen	20.06	0.00	3489.90
MW - 5		08/15/05	3509.96	-	20.04	20.06	0.02	3489.92
MW - 5		08/23/05	3509.96	-	sheen	19.84	0.00	3490.12
MW - 5		08/30/05	3509.96	-	sheen	19.78	0.00	3490.18
MW - 5		09/06/05	3509.96	-	sheen	19.72	0.00	3490.24
MW - 5		09/13/05	3509.96	-	sheen	19.75	0.00	3490.21
MW - 5		09/15/05	3509.96	-	-	19.79	0.00	3490.17
MW - 5		09/19/05	3509.96	-	sheen	19.80	0.00	3490.16
MW - 5		09/27/05	3509.96	-	sheen	19.81	0.00	3490.15
MW - 5		10/03/05	3509.96	-	sheen	19.87	0.00	3490.09
MW - 5		10/08/05	3509.96	-	17.60	17.61	0.01	3492.36
MW - 5		10/10/05	3509.96	-	sheen	19.84	0.00	3490.12
MW - 5		10/17/05	3509.96	-	sheen	19.80	0.00	3490.16
MW - 5		10/24/05	3509.96	-	sheen	19.70	0.00	3490.26
MW - 5		10/31/05	3509.96	-	sheen	19.66	0.00	3490.30
MW - 5		11/15/05	3509.96	-	sheen	19.65	0.00	3490.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		11/22/05	3509.96	-	sheen	19.60	0.00	3490.36
MW - 5		11/27/05	3509.96	-	sheen	19.58	0.00	3490.38
MW - 5		12/07/05	3509.96	-	sheen	19.64	0.00	3490.32
MW - 5		12/16/05	3509.96	-	sheen	19.58	0.00	3490.38
MW - 5		12/22/05	3509.96	-	sheen	19.59	0.00	3490.37
MW - 5		12/27/05	3509.96	-	sheen	19.57	0.00	3490.39
MW - 5		01/03/06	3509.96	-	sheen	19.55	0.00	3490.41
MW - 5		01/09/06	3509.96	-	sheen	19.60	0.00	3490.36
MW - 5		01/16/06	3509.96	-	sheen	19.54	0.00	3490.42
MW - 5		01/23/06	3509.96	-	sheen	19.55	0.00	3490.41
MW - 5		01/30/06	3509.96	-	sheen	19.55	0.00	3490.41
MW - 5		02/06/06	3509.96	-	sheen	19.54	0.00	3490.42
MW - 5		02/14/06	3509.96	-	sheen	19.53	0.00	3490.43
MW - 5		02/21/06	3509.96	-	sheen	19.50	0.00	3490.46
MW - 5		03/01/06	3509.96	-	sheen	19.49	0.00	3490.47
MW - 5		03/06/06	3509.96	-	sheen	19.53	0.00	3490.43
MW - 5		03/15/06	3509.96	-	sheen	19.50	0.00	3490.46
MW - 5		03/16/06	3509.96	-	-	19.51	0.00	3490.45
MW - 5		03/21/06	3509.96	-	sheen	19.53	0.00	3490.43
MW - 5		03/28/06	3509.96	-	sheen	19.54	0.00	3490.42
MW - 5		04/03/06	3509.96	-	sheen	19.45	0.00	3490.51
MW - 5		04/17/06	3509.96	-	sheen	19.61	0.00	3490.35
MW - 5		05/01/06	3509.96	-	sheen	19.68	0.00	3490.28
MW - 5		05/08/06	3509.96	-	sheen	19.46	0.00	3490.50
MW - 5		05/15/06	3509.96	-	sheen	19.51	0.00	3490.45
MW - 5		05/30/06	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		06/05/06	3509.96	-	sheen	19.90	0.00	3490.06
MW - 5		06/12/06	3509.96	-	sheen	20.03	0.00	3489.93
MW - 5		06/15/06	3509.96	-	-	20.05	0.00	3489.91
MW - 5		06/19/06	3509.96	-	sheen	20.12	0.00	3489.84
MW - 5		07/03/06	3509.96	-	sheen	20.26	0.00	3489.70
MW - 5		07/10/06	3509.96	-	-	20.28	0.00	3489.68
MW - 5		07/17/06	3509.96	-	-	21.00	0.00	3488.96
MW - 5		07/26/06	3509.96	-	sheen	20.20	0.00	3489.76
MW - 5		07/31/06	3509.96	-	sheen	20.27	0.00	3489.69
MW - 5		08/07/06	3509.96	-	-	20.32	0.00	3489.64
MW - 5		08/17/06	3509.96	-	-	20.26	0.00	3489.70
MW - 5		08/21/06	3509.96	-	-	20.18	0.00	3489.78
MW - 5		09/06/06	3509.96	-	sheen	19.86	0.00	3490.10
MW - 5		09/11/06	3509.96	-	sheen	19.84	0.00	3490.12
MW - 5		09/18/06	3509.96	-	-	19.84	0.00	3490.12
MW - 5		09/25/06	3509.96	-	sheen	19.86	0.00	3490.10
MW - 5		09/29/06	3509.96	-	-	19.88	0.00	3490.08
MW - 5		10/02/06	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		10/09/06	3509.96	-	sheen	19.88	0.00	3490.08
MW - 5		10/17/06	3509.96	-	sheen	19.85	0.00	3490.11
MW - 5		10/23/06	3509.96	-	sheen	19.84	0.00	3490.12
MW - 5		10/30/06	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		11/06/06	3509.96	-	sheen	19.83	0.00	3490.13
MW - 5		11/13/06	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		11/20/06	3509.96	-	sheen	19.91	0.00	3490.05
MW - 5		11/27/06	3509.96	-	sheen	19.80	0.00	3490.16
MW - 5		11/30/06	3509.96	-	-	19.76	0.00	3490.20
MW - 5		12/04/06	3509.96	-	sheen	19.81	0.00	3490.15
MW - 5		12/12/06	3509.96	-	sheen	19.74	0.00	3490.22
MW - 5		12/18/06	3509.96	-	sheen	19.78	0.00	3490.18
MW - 5		01/02/07	3509.96	-	sheen	19.76	0.00	3490.20
MW - 5		01/11/07	3509.96	-	sheen	19.72	0.00	3490.24
MW - 5		01/18/07	3509.96	-	sheen	19.72	0.00	3490.24
MW - 5		01/22/07	3509.96	-	sheen	19.71	0.00	3490.25
MW - 5		02/05/07	3509.96	-	sheen	19.68	0.00	3490.28

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		02/12/07	3509.96	-	-	19.66	0.00	3490.30
MW - 5		02/19/07	3509.96	-	-	19.59	0.00	3490.37
MW - 5		02/27/07	3509.96	-	-	19.60	0.00	3490.36
MW - 5		03/05/07	3509.96	-	-	18.65	0.00	3491.31
MW - 5		03/19/07	3509.96	-	-	19.64	0.00	3490.32
MW - 5		04/02/07	3509.96	-	-	18.63	0.00	3491.33
MW - 5		04/09/07	3509.96	-	-	19.54	0.00	3490.42
MW - 5		05/22/07	3509.96	-	sheen	19.38	0.00	3490.58
MW - 5		08/15/07	3509.96	-	-	20.21	0.00	3489.75
MW - 5		11/06/07	3509.96	-	sheen	19.93	0.00	3490.03
MW - 5		11/30/07	3509.96	-	sheen	19.99	0.00	3489.97
MW - 5		01/16/08	3509.96	-	sheen	19.88	0.00	3490.08
MW - 5		01/21/08	3509.96	-	sheen	19.86	0.00	3490.10
MW - 5		01/30/08	3509.96	-	sheen	19.78	0.00	3490.18
MW - 5		02/08/08	3509.96	-	sheen	19.84	0.00	3490.12
MW - 5		02/12/08	3509.96	-	-	19.81	0.00	3490.15
MW - 5		02/14/08	3509.96	-	sheen	19.83	0.00	3490.13
MW - 5		02/28/08	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		03/05/08	3509.96	-	sheen	19.82	0.00	3490.14
MW - 5		03/13/08	3509.96	-	sheen	19.78	0.00	3490.18
MW - 5		03/19/08	3509.96	-	sheen	19.79	0.00	3490.17
MW - 5		05/07/08	3509.96	-	sheen	19.73	0.00	3490.23
MW - 5		05/13/08	3509.96	-	-	19.74	0.00	3490.22
MW - 5		06/30/08	3509.96	-	20.40	20.41	0.01	3489.56
MW - 5		08/14/08	3509.96	-	20.62	20.72	0.10	3489.33
MW - 5		08/18/08	3509.96	-	20.62	20.63	0.01	3489.34
MW - 5		08/28/08	3509.96	-	sheen	20.56	0.00	3489.40
MW - 5		09/17/08	3509.96	-	sheen	20.27	0.00	3489.69
MW - 5		09/29/08	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		10/06/08	3509.96	-	sheen	20.23	0.00	3489.73
MW - 5		10/13/08	3509.96	-	sheen	20.28	0.00	3489.68
MW - 5		10/20/08	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		10/29/08	3509.96	-	sheen	20.18	0.00	3489.78
MW - 5		11/06/08	3509.96	-	sheen	20.10	0.00	3489.86
MW - 5		11/12/08	3509.96	-	sheen	20.08	0.00	3489.88
MW - 5		11/13/08	3509.96	-	sheen	20.08	0.00	3489.88
MW - 5		12/22/08	3509.96	-	sheen	20.03	0.00	3489.93
MW - 5		01/06/09	3509.96	-	-	20.01	0.00	3489.95
MW - 5		01/19/09	3509.96	-	-	19.95	0.00	3490.01
MW - 5		01/26/09	3509.96	-	-	19.96	0.00	3490.00
MW - 5		02/10/09	3509.96	-	-	19.93	0.00	3490.03
MW - 5		02/13/09	3509.96	-	-	19.92	0.00	3490.04
MW - 5		02/16/09	3509.96	-	-	19.94	0.00	3490.02
MW - 5		02/24/09	3509.96	-	-	19.95	0.00	3490.01
MW - 5		03/02/09	3509.96	-	-	19.90	0.00	3490.06
MW - 5		03/05/09	3509.96	-	-	19.96	0.00	3490.00
MW - 5		03/09/09	3509.96	-	-	19.93	0.00	3490.03
MW - 5		03/16/09	3509.96	-	-	19.94	0.00	3490.02
MW - 5		03/19/09	3509.96	-	-	19.92	0.00	3490.04
MW - 5		03/25/09	3509.96	-	-	19.94	0.00	3490.02
MW - 5		03/30/09	3509.96	-	-	19.96	0.00	3490.00
MW - 5		04/13/09	3509.96	-	-	19.85	0.00	3490.11
MW - 5		04/16/09	3509.96	-	-	20.00	0.00	3489.96
MW - 5		04/21/09	3509.96	-	-	19.98	0.00	3489.98
MW - 5		04/27/09	3509.96	-	-	19.91	0.00	3490.05
MW - 5		04/30/09	3509.96	-	-	19.99	0.00	3489.97
MW - 5		05/06/09	3509.96	-	-	20.00	0.00	3489.96
MW - 5		05/12/09	3509.96	-	-	19.88	0.00	3490.08
MW - 5		05/19/09	3509.96	-	-	20.01	0.00	3489.95
MW - 5		05/26/09	3509.96	-	-	20.06	0.00	3489.90
MW - 5		06/01/09	3509.96	-	-	20.15	0.00	3489.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		06/12/09	3509.96	-	-	20.26	0.00	3489.70
MW - 5		06/22/09	3509.96	-	-	20.38	0.00	3489.58
MW - 5		06/29/09	3509.96	-	-	20.42	0.00	3489.54
MW - 5		07/06/09	3509.96	-	-	20.54	0.00	3489.42
MW - 5		07/09/09	3509.96	-	-	20.03	0.00	3489.93
MW - 5		07/13/09	3509.96	-	-	20.05	0.00	3489.91
MW - 5		07/20/09	3509.96	-	-	20.04	0.00	3489.92
MW - 5		07/23/09	3509.96	-	-	20.63	0.00	3489.33
MW - 5		07/27/09	3509.96	-	-	20.65	0.00	3489.31
MW - 5		07/29/09	3509.96	-	-	20.58	0.00	3489.38
MW - 5		08/03/09	3509.96	-	-	20.50	0.00	3489.46
MW - 5		08/10/09	3509.96	-	-	20.62	0.00	3489.34
MW - 5		08/10/09	3509.96	-	-	20.62	0.00	3489.34
MW - 5		08/18/09	3509.96	-	-	20.72	0.00	3489.24
MW - 5		08/24/09	3509.96	-	-	20.79	0.00	3489.17
MW - 5		08/28/09	3509.96	-	-	20.78	0.00	3489.18
MW - 5		08/31/09	3509.96	-	-	20.84	0.00	3489.12
MW - 5		09/02/09	3509.96	-	-	20.58	0.00	3489.38
MW - 5		09/08/09	3509.96	-	-	20.91	0.00	3489.05
MW - 5		09/10/09	3509.96	-	-	20.82	0.00	3489.14
MW - 5		09/16/09	3509.96	-	-	20.84	0.00	3489.12
MW - 5		09/18/09	3509.96	-	-	20.82	0.00	3489.14
MW - 5		09/22/09	3509.96	-	-	20.85	0.00	3489.11
MW - 5		09/28/09	3509.96	-	-	20.79	0.00	3489.17
MW - 5		10/09/09	3509.96	-	-	20.87	0.00	3489.09
MW - 5		10/12/09	3509.96	-	-	20.10	0.00	3489.86
MW - 5		10/20/09	3509.96	-	-	20.96	0.00	3489.00
MW - 5		10/26/09	3509.96	-	-	20.10	0.00	3489.86
MW - 5		10/28/09	3509.96	-	-	20.94	0.00	3489.02
MW - 5		11/03/09	3509.96	-	-	20.85	0.00	3489.11
MW - 5		11/12/09	3509.96	-	-	20.80	0.00	3489.16
MW - 5		11/18/09	3509.96	-	-	20.84	0.00	3489.12
MW - 5		12/03/09	3509.96	-	sheen	20.78	0.00	3489.18
MW - 5		12/11/09	3509.96	-	sheen	20.72	0.00	3489.24
MW - 5		12/16/09	3509.96	-	sheen	20.71	0.00	3489.25
MW - 5		12/21/09	3509.96	-	-	20.74	0.00	3489.22
MW - 5		12/28/09	3509.96	-	-	20.68	0.00	3489.28
MW - 5		01/04/10	3509.96	-	-	20.68	0.00	3489.28
MW - 5		01/14/10	3509.96	-	sheen	20.71	0.00	3489.25
MW - 5		01/20/10	3509.96	-	sheen	20.58	0.00	3489.38
MW - 5		01/25/10	3509.96	-	-	20.60	0.00	3489.36
MW - 5		01/27/10	3509.96	-	sheen	20.87	0.00	3489.09
MW - 5		02/01/10	3509.96	-	sheen	20.58	0.00	3489.38
MW - 5		02/08/10	3509.96	-	sheen	20.55	0.00	3489.41
MW - 5		02/09/10	3509.96	-	sheen	20.66	0.00	3489.30
MW - 5		02/19/10	3509.96	-	sheen	20.58	0.00	3489.38
MW - 5		02/26/10	3509.96	-	-	20.51	0.00	3489.45
MW - 5		03/01/10	3509.96	-	-	20.58	0.00	3489.38
MW - 5		03/04/10	3509.96	-	sheen	20.47	0.00	3489.49
MW - 5		03/08/10	3509.96	-	sheen	20.50	0.00	3489.46
MW - 5		03/11/10	3509.96	-	-	20.35	0.00	3489.61
MW - 5		03/15/10	3509.96	-	-	20.44	0.00	3489.52
MW - 5		03/17/10	3509.96	-	sheen	20.34	0.00	3489.62
MW - 5		03/22/10	3509.96	-	-	20.27	0.00	3489.69
MW - 5		03/29/10	3509.96	-	-	20.24	0.00	3489.72
MW - 5		04/05/10	3509.96	-	sheen	20.29	0.00	3489.67
MW - 5		04/14/10	3509.96	-	sheen	20.25	0.00	3489.71
MW - 5		04/16/10	3509.96	-	-	20.19	0.00	3489.77
MW - 5		04/19/10	3509.96	-	sheen	20.27	0.00	3489.69
MW - 5		04/28/10	3509.96	-	sheen	20.23	0.00	3489.73
MW - 5		05/05/10	3509.96	-	-	20.09	0.00	3489.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		05/12/10	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		05/14/10	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		05/21/10	3509.96	-	sheen	20.23	0.00	3489.73
MW - 5		05/26/10	3509.96	-	sheen	20.26	0.00	3489.70
MW - 5		06/04/10	3509.96	-	sheen	20.25	0.00	3489.71
MW - 5		06/07/10	3509.96	-	-	20.45	0.00	3489.51
MW - 5		06/12/10	3509.96	-	sheen	20.49	0.00	3489.47
MW - 5		06/24/10	3509.96	-	sheen	20.65	0.00	3489.31
MW - 5		07/07/10	3509.96	-	sheen	20.22	0.00	3489.74
MW - 5		07/12/10	3509.96	-	sheen	20.05	0.00	3489.91
MW - 5		07/19/10	3509.96	-	sheen	19.56	0.00	3490.40
MW - 5		07/26/10	3509.96	-	-	-	-	-
MW - 5		08/03/10	3509.96	-	sheen	19.91	0.00	3490.05
MW - 5		08/11/10	3509.96	-	sheen	19.90	0.00	3490.06
MW - 5		08/19/10	3509.96	-	-	20.02	0.00	3489.94
MW - 5		08/25/10	3509.96	-	sheen	20.05	0.00	3489.91
MW - 5		09/01/10	3509.96	-	sheen	20.09	0.00	3489.87
MW - 5		09/09/10	3509.96	-	sheen	20.20	0.00	3489.76
MW - 5		09/13/10	3509.96	-	sheen	19.90	0.00	3490.06
MW - 5		09/29/10	3509.96	-	sheen	18.42	0.00	3491.54
MW - 5		10/05/10	3509.96	-	sheen	19.91	0.00	3490.05
MW - 5		10/20/10	3509.96	-	sheen	19.96	0.00	3490.00
MW - 5		10/25/10	3509.96	-	sheen	19.95	0.00	3490.01
MW - 5		11/03/10	3509.96	-	sheen	20.06	0.00	3489.90
MW - 5		11/10/10	3509.96	-	sheen	20.02	0.00	3489.94
MW - 5		11/12/10	3509.96	-	-	20.02	0.00	3489.94
MW - 5		12/09/10	3509.96	-	sheen	19.80	0.00	3490.16
MW - 5		01/18/11	3509.96	-	-	20.02	0.00	3489.94
MW - 5		02/16/11	3509.96	-	-	20.01	0.00	3489.95
MW - 5		03/01/11	3509.96	-	sheen	20.25	0.00	3489.71
MW - 5		03/07/11	3509.96	-	sheen	20.20	0.00	3489.76
MW - 5		03/22/11	3509.96	-	-	20.00	0.00	3489.96
MW - 5		04/27/11	3509.96	-	sheen	20.16	0.00	3489.80
MW - 5		05/05/11	3509.96	-	sheen	20.20	0.00	3489.76
MW - 5		05/10/11	3509.96	-	sheen	20.15	0.00	3489.81
MW - 5		05/17/11	3509.96	-	sheen	20.21	0.00	3489.75
MW - 5		05/19/11	3509.96	-	-	20.21	0.00	3489.75
MW - 5		05/24/11	3509.96	-	sheen	20.37	0.00	3489.59
MW - 5		06/07/11	3509.96	-	sheen	20.52	0.00	3489.44
MW - 5		06/08/11	3509.96	-	sheen	20.56	0.00	3489.40
MW - 5		06/14/11	3509.96	-	sheen	20.58	0.00	3489.38
MW - 5		06/23/11	3509.96	-	sheen	20.53	0.00	3489.43
MW - 5		06/28/11	3509.96	-	sheen	20.68	0.00	3489.28
MW - 5		07/06/11	3509.96	-	sheen	20.81	0.00	3489.15
MW - 5		07/14/11	3509.96	-	sheen	20.83	0.00	3489.13
MW - 5		07/20/11	3509.96	-	-	21.89	0.00	3488.07
MW - 5		07/27/11	3509.96	-	-	21.92	0.00	3488.04
MW - 5		08/03/11	3509.96	-	-	20.98	0.00	3488.98
MW - 5		08/10/11	3509.96	-	-	20.04	0.00	3489.92
MW - 5		08/18/11	3509.96	-	-	21.28	0.00	3488.68
MW - 5		08/25/11	3509.96	-	-	21.33	0.00	3488.63
MW - 5		09/07/11	3509.96	-	-	20.10	0.00	3489.86
MW - 5		09/14/11	3509.96	-	-	21.12	0.00	3488.84
MW - 5		11/14/11	3509.96	-	-	20.92	0.00	3489.04
MW - 5		12/01/11	3509.96	-	-	20.89	0.00	3489.07
MW - 5		12/08/11	3509.96	-	-	20.91	0.00	3489.05
MW - 5		12/14/11	3509.96	-	-	20.95	0.00	3489.01
MW - 5		01/12/12	3509.96	-	-	20.80	0.00	3489.16
MW - 5		01/19/12	3509.96	-	-	20.70	0.00	3489.26
MW - 5		02/03/12	3509.96	-	-	20.89	0.00	3489.07
MW - 5		02/09/12	3509.96	-	-	20.59	0.00	3489.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		03/14/12	3509.96	-	-	20.50	0.00	3489.46
MW - 5		03/19/12	3509.96	-	-	20.56	0.00	3489.40
MW - 5		03/29/12	3509.96	-	-	20.46	0.00	3489.50
MW - 5		04/05/12	3509.96	-	-	20.43	0.00	3489.53
MW - 5		04/18/12	3509.96	-	-	20.39	0.00	3489.57
MW - 5		04/27/12	3509.96	-	-	20.43	0.00	3489.53
MW - 5		05/02/12	3509.96	-	-	20.53	0.00	3489.43
MW - 5		05/31/12	3509.96	-	-	20.45	0.00	3489.51
MW - 5		06/08/12	3509.96	-	-	20.50	0.00	3489.46
MW - 5		06/12/12	3509.96	-	-	20.59	0.00	3489.37
MW - 5		06/21/12	3509.96	-	-	20.59	0.00	3489.37
MW - 5		06/29/12	3509.96	-	-	20.68	0.00	3489.28
MW - 5		07/13/12	3509.96	-	-	20.86	0.00	3489.10
MW - 5		12/06/12	3509.96	-	-	20.82	0.00	3489.14
MW - 5		12/11/12	3509.96	-	-	20.84	0.00	3489.12
MW - 5		12/18/12	3509.96	-	-	20.84	0.00	3489.12
MW - 5		01/09/13	3509.96	-	-	20.81	0.00	3489.15
MW - 5		01/15/13	3509.96	-	-	20.77	0.00	3489.19
MW - 5		01/23/13	3509.96	-	-	20.81	0.00	3489.15
MW - 5		01/29/13	3509.96	-	-	20.75	0.00	3489.21
MW - 5		02/07/13	3509.96	-	-	20.74	0.00	3489.22
MW - 5		02/13/13	3509.96	-	-	20.70	0.00	3489.26
MW - 5		02/20/13	3509.96	-	20.02	23.02	3.00	3489.49
MW - 5		03/15/13	3509.96	-	-	20.64	0.00	3489.32
MW - 5		03/19/13	3509.96	-	-	20.66	0.00	3489.30
MW - 5		04/02/13	3509.96	-	-	20.62	0.00	3489.34
MW - 5		04/09/13	3509.96	-	-	20.58	0.00	3489.38
MW - 5		04/16/13	3509.96	-	-	20.61	0.00	3489.35
MW - 5		04/23/13	3509.96	-	-	20.58	0.00	3489.38
MW - 5		04/30/13	3509.96	-	19.95	20.29	0.34	3489.96
MW - 5		05/08/13	3509.96	-	-	20.57	0.00	3489.39
MW - 5		05/14/13	3509.96	-	-	20.54	0.00	3489.42
MW - 5		05/22/13	3509.96	-	-	20.56	0.00	3489.40
MW - 5		05/28/13	3509.96	-	-	20.57	0.00	3489.39
MW - 5		06/04/13	3509.96	-	-	20.63	0.00	3489.33
MW - 5		06/11/13	3509.96	-	-	20.68	0.00	3489.28
MW - 5		06/19/13	3509.96	-	-	20.77	0.00	3489.19
MW - 5		06/28/13	3509.96	-	-	20.92	0.00	3489.04
MW - 5		07/01/13	3509.96	-	-	20.96	0.00	3489.00
MW - 5		07/08/13	3509.96	-	-	21.06	0.00	3488.90
MW - 5		07/23/13	3509.96	-	-	21.04	0.00	3488.92
MW - 5		07/30/13	3509.96	-	-	20.95	0.00	3489.01
MW - 5		08/05/13	3509.96	-	-	20.95	0.00	3489.01
MW - 5		08/12/13	3509.96	28.68	-	20.99	0.00	3488.97
MW - 5		08/22/13	3509.96	-	-	21.09	0.00	3488.87
MW - 5		08/29/13	3509.96	-	-	21.17	0.00	3488.79
MW - 5		09/05/13	3509.96	-	-	21.21	0.00	3488.75
MW - 5		09/10/13	3509.96	-	-	21.30	0.00	3488.66
MW - 5		09/17/13	3509.96	-	-	21.39	0.00	3488.57
MW - 5		09/24/13	3509.96	-	-	21.38	0.00	3488.58
MW - 5		10/07/13	3509.96	-	-	21.45	0.00	3488.51
MW - 5		11/14/13	-	-	-	24.00	0.00	-
MW - 5		11/21/13	-	31.50	-	24.03	0.00	-
MW - 5		12/12/13	-	-	-	23.94	0.00	-
MW - 5		12/19/13	-	-	-	23.92	0.00	-
MW - 5		01/03/14	-	-	-	23.87	0.00	-
MW - 5		01/09/14	-	-	-	23.89	0.00	-
MW - 5		01/13/14	-	-	-	23.86	0.00	-
MW - 5		01/21/14	-	-	-	23.83	0.00	-
MW - 5		01/24/14	-	-	-	23.87	0.00	-
MW - 5	John Flores	02/04/14	3513.99	31.46	-	23.78	0.00	3490.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5		02/10/14	3513.99	-	-	23.82	0.00	3490.17
MW - 5	David F.	02/27/14	3513.99	-	-	23.82	0.00	3490.17
MW - 5	David F.	03/17/14	3513.99	-	-	23.66	0.00	3490.33
MW - 5	David F.	03/27/14	3513.99	-	-	23.62	0.00	3490.37
MW - 5	David & Jose	04/02/14	3513.99	-	-	23.68	0.00	3490.31
MW - 5	Manny & Lira	04/16/14	3513.99	-	-	23.62	0.00	3490.37
MW - 5	Manny & Chanc	04/22/14	3513.99	-	-	23.60	0.00	3490.39
MW - 5	David & Justin	04/28/14	3513.99	-	-	23.62	0.00	3490.37
MW - 5	Manny & Chanc	05/06/14	3513.99	-	-	23.60	0.00	3490.39
MW - 5	Manny	05/13/14	3513.99	-	-	23.64	0.00	3490.35
MW - 5	Jose & Chance	05/14/14	3513.99	31.33	-	23.62	0.00	3490.37
MW - 5	Manny	05/21/14	3513.99	31.33	-	23.65	0.00	3490.34
MW - 5	Manny & Chanc	06/05/14	3513.99	-	-	23.86	0.00	3490.13
MW - 5	Manny	06/11/14	3513.99	-	-	23.93	0.00	3490.06
MW - 5	Manny	06/16/14	3513.99	-	-	24.02	0.00	3489.97
MW - 5	Manny	06/24/14	3513.99	-	-	24.11	0.00	3489.88
MW - 5	Manny	07/01/14	3513.99	-	-	24.14	0.00	3489.85
MW - 5	David	07/08/14	3513.99	-	-	24.22	0.00	3489.77
MW - 5	Manny	07/15/14	3513.99	-	-	24.25	0.00	3489.74
MW - 5	Manny	07/22/14	3513.99	-	-	24.34	0.00	3489.65
MW - 5	Manny	07/23/14	3513.99	-	-	24.34	0.00	3489.65
MW - 5	Manny	07/31/14	3513.99	-	-	24.38	0.00	3489.61
MW - 5	David F.	08/05/14	3513.99	31.32	-	24.42	0.00	3489.57
MW - 5	Manny	08/07/14	3513.99	31.32	-	24.42	0.00	3489.57
MW - 5	Manny	08/15/14	3513.99	-	-	24.44	0.00	3489.55
MW - 5	Manny	08/20/14	3513.99	-	-	24.45	0.00	3489.54
MW - 5	Manny	08/27/14	3513.99	-	-	24.47	0.00	3489.52
MW - 5	Manny	09/24/14	3513.99	-	-	23.88	0.00	3490.11
MW - 5	Manny	10/01/14	3513.99	-	-	23.60	0.00	3490.39
MW - 5	Manny	10/07/14	3513.99	-	-	23.48	0.00	3490.51
MW - 5	Manny	10/14/14	3513.99	-	-	23.41	0.00	3490.58
MW - 5	Manny	10/20/14	3513.99	-	-	23.37	0.00	3490.62
MW - 5	Manny	10/27/14	3513.99	-	-	23.34	0.00	3490.65
MW - 5	Manny	11/03/14	3513.99	-	-	23.32	0.00	3490.67
MW - 5	Manny	11/11/14	3513.99	-	-	23.30	0.00	3490.69
MW - 5	Manny	11/19/14	3513.99	31.27	-	23.29	0.00	3490.70
MW - 5	Manny	12/08/14	3513.99	-	-	23.26	0.00	3490.73
MW - 5	Manny	12/15/14	3513.99	-	-	23.30	0.00	3490.69
MW - 5	Manny	12/22/14	3513.99	-	-	23.24	0.00	3490.75
MW - 5	Manny	12/29/14	3513.99	-	-	23.23	0.00	3490.76
MW - 5	Manny	01/05/15	3513.99	-	-	23.24	0.00	3490.75
MW - 5	Manny	01/12/15	3513.99	-	-	23.25	0.00	3490.74
MW - 5	Manny	01/19/15	3513.99	-	-	23.21	0.00	3490.78
MW - 5	Manny	02/04/15	3513.99	-	-	23.22	0.00	3490.77
MW - 5	Carlos/Matt	02/19/15	3513.99	-	-	23.18	0.00	3490.81
MW - 5	Manny/Art	03/03/15	3513.99	-	-	23.17	0.00	3490.82
MW - 5	Manny	03/09/15	3513.99	-	-	23.20	0.00	3490.79
MW - 5	Carlos	03/16/15	3513.99	-	-	23.19	0.00	3490.80
MW - 5	Manny	03/20/15	3513.99	-	-	23.18	0.00	3490.81
MW - 5	Carlos	03/23/15	3513.99	-	-	23.15	0.00	3490.84
MW - 5	Manny/Art	03/30/15	3513.99	-	-	23.11	0.00	3490.88
MW - 5	Manny	04/04/15	3513.99	-	-	23.18	0.00	3490.81
MW - 5	Manny/Art	04/07/15	3513.99	-	-	23.12	0.00	3490.87
MW - 5	Manny/Art	04/14/15	3513.99	-	-	23.12	0.00	3490.87
MW - 5	Carlos/Matt	04/20/15	3513.99	-	-	23.07	0.00	3490.92
MW - 5	Manny/Art	04/27/15	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Carlos	05/07/15	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Carlos	05/11/15	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Carlos	05/21/15	3513.99	-	-	23.04	0.00	3490.95
MW - 5	Manny/Art	05/27/15	3513.99	31.20	-	23.00	0.00	3490.99
MW - 5	Carlos	05/28/15	3513.99	-	-	23.02	0.00	3490.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Manny	06/03/15	3513.99	-	-	23.00	0.00	3490.99
MW - 5	Manny	06/08/15	3513.99	-	-	23.01	0.00	3490.98
MW - 5	Manny	06/15/15	3513.99	-	-	23.04	0.00	3490.95
MW - 5	Arthur	06/25/15	3513.99	-	-	20.53	0.00	3493.46
MW - 5	Manny/Arthur	06/29/15	3513.99	-	-	23.03	0.00	3490.96
MW - 5	Manny	07/08/15	3513.99	-	-	23.16	0.00	3490.83
MW - 5	Carlos	07/09/15	3513.99	-	-	23.13	0.00	3490.86
MW - 5	Manny	07/14/15	3513.99	-	-	23.21	0.00	3490.78
MW - 5	Arthur	07/20/15	3513.99	-	-	23.29	0.00	3490.70
MW - 5	Manny	07/28/15	3513.99	-	-	23.37	0.00	3490.62
MW - 5	Manny/Arthur	08/03/15	3513.99	31.17	-	23.41	0.00	3490.58
MW - 5	Carlos	08/04/15	3513.99	-	-	23.42	0.00	3490.57
MW - 5	Carlos	08/10/15	3513.99	-	-	23.45	0.00	3490.54
MW - 5	Carlos	08/17/15	3513.99	-	-	23.49	0.00	3490.50
MW - 5	Carlos	09/08/15	3513.99	-	-	23.54	0.00	3490.45
MW - 5	Carlos	09/15/15	3513.99	-	-	23.58	0.00	3490.41
MW - 5	Manny	09/24/15	3513.99	-	-	23.65	0.00	3490.34
MW - 5	Manny	09/28/15	3513.99	-	-	23.61	0.00	3490.38
MW - 5	Manny	10/06/15	3513.99	-	-	23.60	0.00	3490.39
MW - 5	Carlos	10/12/15	3513.99	-	-	23.49	0.00	3490.50
MW - 5	Manny	10/26/15	3513.99	-	-	23.41	0.00	3490.58
MW - 5	Manny	11/06/15	3513.99	-	-	23.28	0.00	3490.71
MW - 5	Carlos	11/10/15	3513.99	-	-	23.26	0.00	3490.73
MW - 5	Manny	11/18/15	3513.99	31.21	-	23.30	0.00	3490.69
MW - 5	Carlos	12/02/15	3513.99	-	-	23.18	0.00	3490.81
MW - 5	Carlos	12/07/15	3513.99	-	-	23.81	0.00	3490.18
MW - 5	Carlos	12/14/15	3513.99	-	-	23.13	0.00	3490.86
MW - 5	Carlos	01/05/16	3513.99	-	-	23.08	0.00	3490.91
MW - 5	Manny	01/08/16	3513.99	-	-	23.09	0.00	3490.90
MW - 5	Manny	01/12/16	3513.99	-	-	23.10	0.00	3490.89
MW - 5	Carlos	01/18/16	3513.99	-	-	23.10	0.00	3490.89
MW - 5	Carlos	01/25/16	3513.99	-	-	23.05	0.00	3490.94
MW - 5	Carlos	02/01/16	3513.99	-	-	23.02	0.00	3490.97
MW - 5	Carlos	02/08/16	3513.99	-	-	23.02	0.00	3490.97
MW - 5	Carlos	02/19/16	3513.99	-	-	23.00	0.00	3490.99
MW - 5	Manny	02/23/16	3513.99	31.18	-	22.97	0.00	3491.02
MW - 5	Manny	03/03/16	3513.99	-	-	23.00	0.00	3490.99
MW - 5	Carlos	03/07/16	3513.99	-	-	22.94	0.00	3491.05
MW - 5	Carlos	03/15/16	3513.99	-	-	22.89	0.00	3491.10
MW - 5	Manny	03/21/16	3513.99	-	-	22.94	0.00	3491.05
MW - 5	Carlos	03/28/16	3513.99	-	-	22.92	0.00	3491.07
MW - 5	Carlos	04/05/16	3513.99	-	-	22.88	0.00	3491.11
MW - 5	Manny	04/08/16	3513.99	-	-	22.91	0.00	3491.08
MW - 5	Carlos	04/12/16	3513.99	-	-	22.91	0.00	3491.08
MW - 5	Carlos	04/18/16	3513.99	-	-	22.88	0.00	3491.11
MW - 5	Carlos	04/25/16	3513.99	-	-	22.85	0.00	3491.14
MW - 5	Carlos	05/02/16	3513.99	-	-	22.84	0.00	3491.15
MW - 5	Carlos	05/23/16	3513.99	-	-	22.81	0.00	3491.18
MW - 5	Carlos	06/01/16	3513.99	-	-	22.93	0.00	3491.06
MW - 5	Manny	06/06/16	3513.99	31.13	-	23.14	0.00	3490.85
MW - 5	Carlos	06/28/16	3513.99	-	-	23.33	0.00	3490.66
MW - 5	Manny	07/12/16	3513.99	-	-	23.55	0.00	3490.44
MW - 5	Carlos	07/19/16	3513.99	-	-	23.57	0.00	3490.42
MW - 5	Carlos	07/27/16	3513.99	-	-	23.67	0.00	3490.32
MW - 5	Manny/ Wes	08/03/16	3513.99	31.11	-	23.68	0.00	3490.31
MW - 5	Carlos	08/08/16	3513.99	-	-	23.76	0.00	3490.23
MW - 5	Carlos	08/16/16	3513.99	-	-	23.77	0.00	3490.22
MW - 5	Carlos	08/23/16	3513.99	-	-	23.74	0.00	3490.25
MW - 5	Manny	08/31/16	3513.99	-	-	23.57	0.00	3490.42
MW - 5	Carlos	09/14/16	3513.99	-	-	22.97	0.00	3491.02
MW - 5	Carlos	09/22/16	3513.99	-	-	22.80	0.00	3491.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Manny	09/27/16	3513.99	-	-	22.74	0.00	3491.25
MW - 5	Wesley	10/07/16	3513.99	-	-	22.66	0.00	3491.33
MW - 5	Manny	10/21/16	3513.99	-	-	22.60	0.00	3491.39
MW - 5	Manny	10/28/16	3513.99	-	-	22.59	0.00	3491.40
MW - 5	Manny	11/04/16	3513.99	-	-	22.60	0.00	3491.39
MW - 5	Manny	11/09/16	3513.99	31.03	-	22.58	0.00	3491.41
MW - 5	Wesley	12/06/16	3513.99	-	-	22.57	0.00	3491.42
MW - 5	Manny	12/15/16	3513.99	-	-	22.58	0.00	3491.41
MW - 5	Manny	12/29/16	3513.99	-	-	22.62	0.00	3491.37
MW - 5	Carlos	01/05/17	3513.99	-	-	-	-	-
MW - 5	Manny	01/11/17	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Carlos	01/18/17	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Manny	01/26/17	3513.99	-	-	22.60	0.00	3491.39
MW - 5	Manny	01/31/17	3513.99	-	-	22.57	0.00	3491.42
MW - 5	Carlos	02/10/17	3513.99	-	-	22.59	0.00	3491.40
MW - 5	Wesley	02/17/17	3513.99	-	-	22.55	0.00	3491.44
MW - 5	Manny	02/24/17	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Manny	03/01/17	3513.99	31.06	-	22.59	0.00	3491.40
MW - 5	Carlos	03/09/17	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Wesley	03/15/17	3513.99	-	-	22.55	0.00	3491.44
MW - 5	Manny	03/22/17	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Carlos	03/29/17	3513.99	-	-	22.57	0.00	3491.42
MW - 5	Manny	04/07/17	3513.99	-	-	22.52	0.00	3491.47
MW - 5	Wesley	04/11/17	3513.99	-	-	22.48	0.00	3491.51
MW - 5	Manny	04/20/17	3513.99	-	-	22.46	0.00	3491.53
MW - 5	Jeremy	05/02/17	3513.99	-	-	22.45	0.00	3491.54
MW - 5	Manny	05/12/17	3513.99	-	-	22.49	0.00	3491.50
MW - 5	Jeremy	05/16/17	3513.99	-	-	22.51	0.00	3491.48
MW - 5	Manny	05/23/17	3513.99	31.01	-	22.59	0.00	3491.40
MW - 5	Jeremy	06/05/17	3513.99	-	-	22.67	0.00	3491.32
MW - 5	Manny	06/15/17	3513.99	-	-	22.88	0.00	3491.11
MW - 5	Jeremy	06/28/17	3513.99	-	-	23.01	0.00	3490.98
MW - 5	Jeremy	07/05/17	3513.99	-	-	23.10	0.00	3490.89
MW - 5	Jeremy	07/11/17	3513.99	-	-	23.14	0.00	3490.85
MW - 5	Jeremy	07/17/17	3513.99	-	-	23.20	0.00	3490.79
MW - 5	Jeremy	07/20/17	3513.99	-	-	23.79	0.00	3490.20
MW - 5	Jeremy	08/16/17	3513.99	30.84	-	23.11	0.00	3490.88
MW - 5	Jeremy	09/05/17	3513.99	-	-	22.89	0.00	3491.10
MW - 5	Jeremy	09/13/17	3513.99	-	-	22.90	0.00	3491.09
MW - 5	Jeremy	09/19/17	3513.99	-	-	23.01	0.00	3490.98
MW - 5	Jeremy	09/29/17	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Jeremy	10/05/17	3513.99	-	-	23.10	0.00	3490.89
MW - 5	Jeremy	10/12/17	3513.99	-	-	22.84	0.00	3491.15
MW - 5	Jeremy	10/20/17	3513.99	-	-	22.86	0.00	3491.13
MW - 5	Jeremy	10/24/17	3513.99	-	-	22.79	0.00	3491.20
MW - 5	Jeremy	11/02/17	3513.99	-	-	22.75	0.00	3491.24
MW - 5	Manny/ Jeremy	11/14/17	3513.99	30.95	-	22.70	0.00	3491.29
MW - 5	Jeremy	12/20/17	3513.99	-	-	22.63	0.00	3491.36
MW - 5	Jeremy	12/28/17	3513.99	-	-	22.61	0.00	3491.38
MW - 5	Jeremy	01/03/18	3513.99	-	-	22.61	0.00	3491.38
MW - 5	Jeremy	01/09/18	3513.99	-	-	22.58	0.00	3491.41
MW - 5	Jeremy	01/19/18	3513.99	-	-	22.58	0.00	3491.41
MW - 5	Jeremy	01/24/18	3513.99	-	-	22.59	0.00	3491.40
MW - 5	Jeremy	02/08/18	3513.99	30.81	-	22.61	0.00	3491.38
MW - 5	Jeremy	02/12/18	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Jeremy	02/22/18	3513.99	-	-	22.56	0.00	3491.43
MW - 5	Jeremy	03/02/18	3513.99	-	-	22.54	0.00	3491.45
MW - 5	Jeremy	03/07/18	3513.99	-	-	22.54	0.00	3491.45
MW - 5	Jeremy	03/19/18	3513.99	-	-	22.53	0.00	3491.46
MW - 5	Jeremy	03/29/18	3513.99	-	-	22.52	0.00	3491.47
MW - 5	Jeremy	04/02/18	3513.99	-	-	22.49	0.00	3491.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Jeremy	04/11/18	3513.99	-	-	22.48	0.00	3491.51
MW - 5	Jeremy	04/16/18	3513.99	-	-	22.49	0.00	3491.50
MW - 5	Jeremy	04/25/18	3513.99	-	-	22.49	0.00	3491.50
MW - 5	Jeremy	05/01/18	3513.99	-	-	22.52	0.00	3491.47
MW - 5	Jeremy	05/08/18	3513.99	-	-	22.54	0.00	3491.45
MW - 5	Jeremy	05/21/18	3513.99	30.79	-	22.77	0.00	3491.22
MW - 5	Jeremy	05/31/18	3513.99	-	-	22.98	0.00	3491.01
MW - 5	Jeremy	06/06/18	3513.99	-	-	22.96	0.00	3491.03
MW - 5	Jeremy	06/13/18	3513.99	-	-	23.02	0.00	3490.97
MW - 5	Jeremy	06/18/18	3513.99	-	-	23.25	0.00	3490.74
MW - 5	Jeremy	06/25/18	3513.99	-	-	23.18	0.00	3490.81
MW - 5	Jeremy	07/02/18	3513.99	-	-	23.27	0.00	3490.72
MW - 5	Jeremy	07/11/18	3513.99	-	-	23.33	0.00	3490.66
MW - 5	Jeremy	07/19/18	3513.99	-	-	23.32	0.00	3490.67
MW - 5	Jeremy	07/27/18	3513.99	-	-	23.40	0.00	3490.59
MW - 5	Jeremy/ Wesley	08/08/18	3513.99	30.76	-	23.46	0.00	3490.53
MW - 5	Jeremy	08/30/18	3513.99	30.76	-	23.56	0.00	3490.43
MW - 5	Jeremy	09/12/18	3513.99	30.76	-	23.46	0.00	3490.53
MW - 5	Jeremy	09/20/18	3513.99	30.76	-	23.40	0.00	3490.59
MW - 5	Jeremy	09/26/18	3513.99	30.76	-	23.49	0.00	3490.50
MW - 5	Jeremy	10/03/18	3513.99	30.76	-	23.37	0.00	3490.62
MW - 5	Jeremy	10/19/18	3513.99	30.76	-	23.36	0.00	3490.63
MW - 5	Jeremy	10/31/18	3513.99	30.76	-	23.24	0.00	3490.75
MW - 5	Jeremy	11/06/18	3513.99	30.76	-	23.34	0.00	3490.65
MW - 5	Jeremy	11/13/18	3513.99	30.73	-	23.29	0.00	3490.70
MW - 5	Jeremy	12/03/18	3513.99	33.78	-	23.20	0.00	3490.79
MW - 5	Jeremy	12/27/18	3513.99	-	-	22.98	0.00	3491.01
MW - 5	Jeremy	01/03/19	3513.99	-	-	23.07	0.00	3490.92
MW - 5	Jeremy	01/09/19	3513.99	-	-	22.95	0.00	3491.04
MW - 5	Jeremy	01/16/19	3513.99	-	-	23.01	0.00	3490.98
MW - 5	Jeremy	02/12/19	3513.99	30.77	-	22.92	0.00	3491.07
MW - 5	Jeremy	02/28/19	3513.99	-	-	22.91	0.00	3491.08
MW - 5	Jeremy	03/06/18	3513.99	-	-	22.86	0.00	3491.13
MW - 5	Elias	03/12/19	3513.99	-	-	22.86	0.00	3491.13
MW - 5	Jeremy	03/06/19	3513.99	-	-	22.86	0.00	3491.13
MW - 5	Elias	03/19/19	3513.99	-	-	22.89	0.00	3491.10
MW - 5	Elias	03/28/19	3513.99	-	-	22.83	0.00	3491.16
MW - 5	Elias	04/01/19	3513.99	-	-	22.78	0.00	3491.21
MW - 5	Elias	04/10/19	3513.99	-	-	22.76	0.00	3491.23
MW - 5	Elias	04/17/19	3513.99	-	-	22.77	0.00	3491.22
MW - 5	Elias	04/24/19	3513.99	-	-	22.77	0.00	3491.22
MW - 5	Elias	05/01/19	3513.99	-	-	22.78	0.00	3491.21
MW - 5	Elias	05/08/19	3513.99	30.81	-	22.78	0.00	3491.21
MW - 5	Elias	06/14/19	3513.99	-	-	23.07	0.00	3490.92
MW - 5	Elias	07/11/19	3513.99	-	-	23.34	0.00	3490.65
MW - 5	Elias	08/08/19	3513.99	30.75	-	23.54	0.00	3490.45
MW - 5	Elias	09/05/19	3513.99	-	-	-	-	-
MW - 5	Elias	09/12/19	3513.99	-	-	23.71	0.00	3490.28
MW - 5	Elias	09/17/19	3513.99	-	-	23.73	0.00	3490.26
MW - 5	Elias	09/23/19	3513.99	-	-	-	-	-
MW - 5	Elias	10/15/19	3513.99	-	-	23.49	0.00	3490.50
MW - 5	Elias	11/06/19	3513.99	30.67	-	23.40	0.00	3490.59
MW - 5	Elias	11/13/19	3513.99	30.66	-	23.36	0.00	3490.63
MW - 5	Elias	12/17/19	3513.99	-	-	23.17	0.00	3490.82
MW - 5	Elias	01/06/20	3513.99	-	-	23.12	0.00	3490.87
MW - 5	Elias	01/23/20	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Elias	01/29/20	3513.99	-	-	23.06	0.00	3490.93
MW - 5	Elias	02/28/20	3513.99	-	-	23.00	0.00	3490.99
MW - 5	Elias	03/04/20	3513.99	30.69	-	22.46	0.00	3491.53
MW - 5	Manny	05/14/20	3513.99	-	-	22.78	0.00	3491.21
MW - 5	Manny	06/17/20	3513.99	30.53	-	23.30	0.00	3490.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 5	Manny	07/21/20	3513.99	-	-	23.62	0.00	3490.37
MW - 5	Manny	08/13/20	3513.99	30.53	-	23.75	0.00	3490.24
MW - 5	Manny	09/14/20	3513.99	-	-	23.86	0.00	3490.13
MW - 5	Manny	12/09/20	3513.99	30.49	-	23.91	0.00	3490.08
MW - 5	Manny	01/13/21	3513.99	-	-	23.85	0.00	3490.14
MW - 5	Manny	02/11/21	3513.99	30.47	-	23.78	0.00	3490.21
MW - 5	Manny	04/21/21	3513.99	-	-	23.65	0.00	3490.34
MW - 5	Manny	06/11/21	3513.99	30.45	-	23.69	0.00	3490.30
MW - 5	Manny	07/31/21	3513.99	-	-	23.66	0.00	3490.33
MW - 5	Manny	09/23/21	3513.99	30.48	-	24.03	0.00	3489.96
MW - 5	Manny	10/14/21	3513.99	-	-	24.06	0.00	3489.93
MW - 5	Manny	12/06/21	3513.99	30.45	-	24.03	0.00	3489.96
MW - 5	Manny	03/15/22	3513.99	-	-	23.91	0.00	3490.08
MW - 5	Manny	04/20/22	3513.99	-	-	23.88	0.00	3490.11
MW - 5	Manny	05/10/22	3513.99	30.48	-	24.02	0.00	3489.97
MW - 5	Manny	08/16/22	3513.99	30.46	-	24.54	0.00	3489.45
MW - 5	Manny	11/09/22	3513.99	30.41	-	24.20	0.00	3489.79
MW - 5	Manny	02/28/23	3513.99	30.44	-	23.83	0.00	3490.16
MW - 5	Manny	05/11/23	3513.99	30.45	-	23.73	0.00	3490.26
MW - 5	Manny	08/17/23	3513.99	30.38	-	24.54	0.00	3489.45
MW - 5	Manny	12/14/23	3513.99	30.44	-	24.10	0.00	3489.89
MW - 5	Manny	02/26/24	3513.99	30.40	-	23.85	0.00	3490.14
MW - 5	Manny	06/17/24	3513.99	30.40	-	24.28	0.00	3489.71
MW - 5	Manny	09/23/24	3513.99	30.38	-	24.68	0.00	3489.31
MW - 5	Manny	12/09/24	3513.99	30.40	-	24.46	0.00	3489.53
MW - 6		06/20/02	3507.94	-	-	19.48	0.00	3488.46
MW - 6		09/26/02	3507.94	-	19.84	20.02	0.18	3488.07
MW - 6		11/07/02	3507.94	-	19.82	20.11	0.29	3488.08
MW - 6		11/12/02	3507.94	-	19.79	20.11	0.32	3488.10
MW - 6		01/07/03	3507.94	-	19.53	20.05	0.52	3488.33
MW - 6		01/27/03	3507.94	-	19.53	19.70	0.17	3488.38
MW - 6		03/11/03	3507.94	-	19.38	19.86	0.48	3488.49
MW - 6		03/19/03	3507.94	-	19.40	19.87	0.47	3488.47
MW - 6		04/16/03	3507.94	-	19.28	19.55	0.27	3488.62
MW - 6		05/14/03	3507.94	-	19.40	20.17	0.77	3488.42
MW - 6		05/20/03	3507.94	-	19.60	20.41	0.81	3488.22
MW - 6		05/27/03	3507.94	-	19.63	20.21	0.58	3488.22
MW - 6		06/04/03	3507.94	-	19.60	20.14	0.54	3488.26
MW - 6		07/07/03	3507.94	-	20.09	20.54	0.45	3487.78
MW - 6		07/30/03	3507.94	-	20.16	20.58	0.42	3487.72
MW - 6		08/06/03	3507.94	-	20.39	20.90	0.51	3487.47
MW - 6		08/21/03	3507.94	-	20.58	21.00	0.42	3487.30
MW - 6		08/26/03	3507.94	-	20.67	20.92	0.25	3487.23
MW - 6		09/08/03	3507.94	-	20.51	20.89	0.38	3487.37
MW - 6		09/15/03	3507.94	-	20.53	20.91	0.38	3487.35
MW - 6		09/24/03	3507.94	-	20.81	21.18	0.37	3487.07
MW - 6		10/02/03	3507.94	-	20.61	20.99	0.38	3487.27
MW - 6		10/08/03	3507.94	-	20.52	20.76	0.24	3487.38
MW - 6		10/16/03	3507.94	-	20.83	21.09	0.26	3487.07
MW - 6		10/28/03	3507.94	-	20.83	21.14	0.31	3487.06
MW - 6		11/11/03	3507.94	-	20.95	21.07	0.12	3486.97
MW - 6		11/18/03	3507.94	-	20.66	20.81	0.15	3487.26
MW - 6		12/10/03	3507.94	-	20.53	21.08	0.55	3487.33
MW - 6		02/02/04	3507.94	-	20.88	21.09	0.21	3487.03
MW - 6		02/26/04	3507.94	-	20.41	20.85	0.44	3487.46
MW - 6		03/16/04	3507.94	-	20.62	21.17	0.55	3487.24
MW - 6		03/19/04	3507.94	-	20.60	21.09	0.49	3487.27
MW - 6		03/25/04	3507.94	-	20.56	21.14	0.58	3487.29
MW - 6		04/01/04	3507.94	-	20.22	20.87	0.65	3487.62
MW - 6		04/08/04	3507.94	-	20.47	21.10	0.63	3487.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		04/14/04	3507.94	-	19.92	20.63	0.71	3487.91
MW - 6		04/16/04	3507.94	-	20.06	20.47	0.41	3487.82
MW - 6		04/22/04	3507.94	-	19.27	19.48	0.21	3488.64
MW - 6		04/29/04	3507.94	-	19.22	19.40	0.18	3488.69
MW - 6		05/11/04	3507.94	-	19.20	19.24	0.04	3488.73
MW - 6		06/08/04	3507.94	-	19.26	19.55	0.29	3488.64
MW - 6		06/17/04	3507.94	-	19.23	19.53	0.30	3488.67
MW - 6		06/22/04	3507.94	-	19.26	19.51	0.25	3488.64
MW - 6		06/29/04	3507.94	-	19.24	19.55	0.31	3488.65
MW - 6		07/06/04	3507.94	-	19.27	19.72	0.45	3488.60
MW - 6		07/13/04	3507.94	-	19.31	19.74	0.43	3488.57
MW - 6		07/20/04	3507.94	-	19.40	20.10	0.70	3488.44
MW - 6		08/04/04	3507.94	-	19.44	20.00	0.56	3488.42
MW - 6		08/10/04	3507.94	-	19.42	20.02	0.60	3488.43
MW - 6		08/16/04	3507.94	-	19.92	20.30	0.38	3487.96
MW - 6		08/23/04	3507.94	-	19.53	19.97	0.44	3488.34
MW - 6		08/25/04	3507.94	-	19.68	21.40	1.72	3488.00
MW - 6		08/26/04	3507.94	-	19.55	19.95	0.40	3488.33
MW - 6		08/31/04	3507.94	-	19.61	19.96	0.35	3488.28
MW - 6		09/13/04	3507.94	-	19.70	19.98	0.28	3488.20
MW - 6		09/20/04	3507.94	-	19.78	19.96	0.18	3488.13
MW - 6		09/30/04	3507.94	-	19.85	19.98	0.13	3488.07
MW - 6		10/04/04	3507.94	-	19.29	19.42	0.13	3488.63
MW - 6		10/11/04	3507.94	-	19.10	19.19	0.09	3488.83
MW - 6		10/18/04	3507.94	-	sheen	19.10	0.00	3488.84
MW - 6		10/26/04	3507.94	-	sheen	19.16	0.00	3488.78
MW - 6		11/02/04	3507.94	-	sheen	19.10	0.00	3488.84
MW - 6		11/08/04	3507.94	-	19.01	19.03	0.02	3488.93
MW - 6		11/15/04	3507.94	-	19.00	19.01	0.01	3488.94
MW - 6		12/01/04	3507.94	-	sheen	18.92	0.00	3489.02
MW - 6		12/03/04	3507.94	-	-	18.92	0.00	3489.02
MW - 6		12/14/04	3507.94	-	18.77	18.81	0.04	3489.16
MW - 6		12/21/04	3507.94	-	sheen	18.82	0.00	3489.12
MW - 6		12/29/04	3507.94	-	sheen	18.68	0.00	3489.26
MW - 6		01/11/05	3507.94	-	sheen	18.61	0.00	3489.33
MW - 6		01/14/05	3507.94	-	sheen	18.58	0.00	3489.36
MW - 6		01/18/05	3507.94	-	sheen	18.57	0.00	3489.37
MW - 6		01/21/05	3507.94	-	sheen	18.50	0.00	3489.44
MW - 6		01/25/05	3507.94	-	sheen	18.49	0.00	3489.45
MW - 6		01/28/05	3507.94	-	sheen	18.47	0.00	3489.47
MW - 6		02/02/05	3507.94	-	sheen	18.94	0.00	3489.00
MW - 6		02/05/05	3507.94	-	sheen	18.48	0.00	3489.46
MW - 6		02/08/05	3507.94	-	sheen	18.39	0.00	3489.55
MW - 6		02/11/05	3507.94	-	sheen	18.39	0.00	3489.55
MW - 6		02/15/05	3507.94	-	sheen	18.34	0.00	3489.60
MW - 6		02/18/05	3507.94	-	sheen	18.32	0.00	3489.62
MW - 6		02/22/05	3507.94	-	sheen	18.30	0.00	3489.64
MW - 6		02/25/05	3507.94	-	sheen	18.29	0.00	3489.65
MW - 6		03/01/05	3507.94	-	sheen	18.23	0.00	3489.71
MW - 6		03/04/05	3507.94	-	sheen	18.24	0.00	3489.70
MW - 6		03/08/05	3507.94	-	sheen	18.16	0.00	3489.78
MW - 6		03/08/05	3507.94	-	sheen	18.16	0.00	3489.78
MW - 6		03/11/05	3507.94	-	sheen	18.20	0.00	3489.74
MW - 6		03/15/05	3507.94	-	sheen	18.18	0.00	3489.76
MW - 6		03/18/05	3507.94	-	sheen	18.17	0.00	3489.77
MW - 6		03/22/05	3507.94	-	sheen	18.17	0.00	3489.77
MW - 6		03/28/05	3507.94	-	sheen	18.04	0.00	3489.90
MW - 6		04/01/05	3507.94	-	sheen	19.36	0.00	3488.58
MW - 6		04/05/05	3507.94	-	sheen	18.00	0.00	3489.94
MW - 6		04/08/05	3507.94	-	sheen	18.01	0.00	3489.93
MW - 6		04/12/05	3507.94	-	sheen	17.97	0.00	3489.97

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		04/15/05	3507.94	-	sheen	17.97	0.00	3489.97
MW - 6		05/25/05	3507.94	-	sheen	17.76	0.00	3490.18
MW - 6		05/27/05	3507.94	-	sheen	17.75	0.00	3490.19
MW - 6		05/31/05	3507.94	-	sheen	17.73	0.00	3490.21
MW - 6		06/03/05	3507.94	-	sheen	17.72	0.00	3490.22
MW - 6		06/06/05	3507.94	-	sheen	17.72	0.00	3490.22
MW - 6		06/08/05	3507.94	-	sheen	17.72	0.00	3490.22
MW - 6		06/13/05	3507.94	-	sheen	17.71	0.00	3490.23
MW - 6		06/20/05	3507.94	-	sheen	17.74	0.00	3490.20
MW - 6		06/24/05	3507.94	-	sheen	17.76	0.00	3490.18
MW - 6		06/27/05	3507.94	-	sheen	17.79	0.00	3490.15
MW - 6		07/11/05	3507.94	-	sheen	17.95	0.00	3489.99
MW - 6		07/15/05	3507.94	-	sheen	18.00	0.00	3489.94
MW - 6		07/18/05	3507.94	-	sheen	18.04	0.00	3489.90
MW - 6		07/21/05	3507.94	-	sheen	18.06	0.00	3489.88
MW - 6		07/25/05	3507.94	-	sheen	18.14	0.00	3489.80
MW - 6		08/01/05	3507.94	-	sheen	18.17	0.00	3489.77
MW - 6		08/04/05	3507.94	-	sheen	18.19	0.00	3489.75
MW - 6		08/12/05	3507.94	-	18.22	18.25	0.03	3489.72
MW - 6		08/15/05	3507.94	-	18.21	18.24	0.03	3489.73
MW - 6		08/23/05	3507.94	-	18.04	18.06	0.02	3489.90
MW - 6		08/30/05	3507.94	-	17.97	18.02	0.05	3489.96
MW - 6		09/06/05	3507.94	-	17.91	17.96	0.05	3490.02
MW - 6		09/13/05	3507.94	-	17.94	18.03	0.09	3489.99
MW - 6		09/15/05	3507.94	-	17.96	18.04	0.08	3489.97
MW - 6		09/19/05	3507.94	-	17.97	18.15	0.18	3489.94
MW - 6		09/27/05	3507.94	-	18.05	18.07	0.02	3489.89
MW - 6		10/03/05	3507.94	-	18.03	18.23	0.20	3489.88
MW - 6		10/08/05	3507.94	-	17.81	17.96	0.15	3490.11
MW - 6		10/10/05	3507.94	-	18.00	18.25	0.25	3489.90
MW - 6		10/17/05	3507.94	-	17.95	18.10	0.15	3489.97
MW - 6		10/24/05	3507.94	-	17.96	18.06	0.10	3489.97
MW - 6		10/31/05	3507.94	-	17.86	17.91	0.05	3490.07
MW - 6		11/15/05	3507.94	-	17.98	18.11	0.13	3489.94
MW - 6		11/22/05	3507.94	-	17.96	18.06	0.10	3489.97
MW - 6		11/27/05	3507.94	-	17.80	18.14	0.34	3490.09
MW - 6		12/07/05	3507.94	-	17.82	17.91	0.09	3490.11
MW - 6		12/12/05	3507.94	-	17.72	17.94	0.22	3490.19
MW - 6		12/16/05	3507.94	-	17.72	17.90	0.18	3490.19
MW - 6		12/22/05	3507.94	-	17.77	17.95	0.18	3490.14
MW - 6		12/27/05	3507.94	-	17.79	17.90	0.11	3490.13
MW - 6		01/03/06	3507.94	-	17.78	17.88	0.10	3490.15
MW - 6		01/09/06	3507.94	-	17.80	18.10	0.30	3490.10
MW - 6		01/16/06	3507.94	-	17.74	17.99	0.25	3490.16
MW - 6		01/23/06	3507.94	-	17.84	18.10	0.26	3490.06
MW - 6		01/30/06	3507.94	-	17.78	18.08	0.30	3490.12
MW - 6		02/06/06	3507.94	-	17.75	18.08	0.33	3490.14
MW - 6		02/14/06	3507.94	-	17.72	17.97	0.25	3490.18
MW - 6		02/21/06	3507.94	-	17.72	17.73	0.01	3490.22
MW - 6		03/01/06	3507.94	-	17.70	17.75	0.05	3490.23
MW - 6		03/06/06	3507.94	-	17.72	17.90	0.18	3490.19
MW - 6		03/15/06	3507.94	-	17.72	17.97	0.25	3490.18
MW - 6		03/16/06	3507.94	-	17.74	18.48	0.74	3490.09
MW - 6		03/21/06	3507.94	-	17.73	18.05	0.32	3490.16
MW - 6		03/28/06	3507.94	-	17.78	18.00	0.22	3490.13
MW - 6		04/03/06	3507.94	-	17.67	17.90	0.23	3490.24
MW - 6		04/10/06	3507.94	-	17.34	17.64	0.30	3490.56
MW - 6		04/17/06	3507.94	-	17.67	17.94	0.27	3490.23
MW - 6		05/01/06	3507.94	-	17.65	17.79	0.14	3490.27
MW - 6		05/08/06	3507.94	-	17.67	17.81	0.14	3490.25
MW - 6		05/15/06	3507.94	-	17.73	17.94	0.21	3490.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		05/30/06	3507.94	-	17.91	18.41	0.50	3489.96
MW - 6		06/05/06	3507.94	-	18.04	19.09	1.05	3489.74
MW - 6		06/12/06	3507.94	-	18.14	18.74	0.60	3489.71
MW - 6		06/15/06	3507.94	-	18.19	18.69	0.50	3489.68
MW - 6		06/19/06	3507.94	-	18.27	19.07	0.80	3489.55
MW - 6		07/03/06	3507.94	-	18.37	18.76	0.39	3489.51
MW - 6		07/10/06	3507.94	-	18.43	18.70	0.27	3489.47
MW - 6		07/17/06	3507.94	-	17.96	18.48	0.52	3489.90
MW - 6		07/26/06	3507.94	-	18.40	18.63	0.23	3489.51
MW - 6		07/31/06	3507.94	-	18.41	18.62	0.21	3489.50
MW - 6		08/07/06	3507.94	-	18.44	18.64	0.20	3489.47
MW - 6		08/17/06	3507.94	-	18.39	18.67	0.28	3489.51
MW - 6		08/21/06	3507.94	-	18.34	18.35	0.01	3489.60
MW - 6		09/06/06	3507.94	-	18.07	18.12	0.05	3489.86
MW - 6		09/11/06	3507.94	-	18.04	18.20	0.16	3489.88
MW - 6		09/18/06	3507.94	-	18.01	18.07	0.06	3489.92
MW - 6		09/25/06	3507.94	-	18.02	18.20	0.18	3489.89
MW - 6		10/02/06	3507.94	-	18.18	18.21	0.03	3489.76
MW - 6		10/09/06	3507.94	-	18.05	18.35	0.30	3489.85
MW - 6		10/17/06	3507.94	-	18.05	18.25	0.20	3489.86
MW - 6		10/23/06	3507.94	-	18.03	18.16	0.13	3489.89
MW - 6		10/30/06	3507.94	-	18.01	18.14	0.13	3489.91
MW - 6		11/06/06	3507.94	-	18.00	18.10	0.10	3489.93
MW - 6		11/13/06	3507.94	-	17.96	18.15	0.19	3489.95
MW - 6		11/20/06	3507.94	-	17.99	18.18	0.19	3489.92
MW - 6		11/27/06	3507.94	-	17.93	18.12	0.19	3489.98
MW - 6		11/30/06	3507.94	-	17.98	18.10	0.12	3489.94
MW - 6		12/04/06	3507.94	-	17.98	18.37	0.39	3489.90
MW - 6		12/12/06	3507.94	-	17.95	18.36	0.41	3489.93
MW - 6		12/18/06	3507.94	-	17.90	18.10	0.20	3490.01
MW - 6		01/02/07	3507.94	-	17.93	18.05	0.12	3489.99
MW - 6		01/11/07	3507.94	-	17.87	17.95	0.08	3490.06
MW - 6		01/18/07	3507.94	-	17.95	18.10	0.15	3489.97
MW - 6		01/22/07	3507.94	-	17.86	17.94	0.08	3490.07
MW - 6		02/05/07	3507.94	-	17.89	18.35	0.46	3489.98
MW - 6		02/12/07	3507.94	-	17.80	18.02	0.22	3490.11
MW - 6		02/19/07	3507.94	-	17.81	17.91	0.10	3490.12
MW - 6		02/27/07	3507.94	-	17.83	18.28	0.45	3490.04
MW - 6		03/05/07	3507.94	-	17.84	18.50	0.66	3490.00
MW - 6		03/12/07	3507.94	-	17.75	18.32	0.57	3490.10
MW - 6		03/19/07	3507.94	-	17.83	17.95	0.12	3490.09
MW - 6		04/02/07	3507.94	-	17.79	18.02	0.23	3490.12
MW - 6		04/09/07	3507.94	-	17.71	17.89	0.18	3490.20
MW - 6		05/01/07	3507.94	-	17.72	18.31	0.59	3490.13
MW - 6		05/12/07	3507.94	-	17.75	18.28	0.53	3490.11
MW - 6		05/17/07	3507.94	-	17.63	17.81	0.18	3490.28
MW - 6		05/21/07	3507.94	-	17.58	17.68	0.10	3490.35
MW - 6		05/22/07	3507.94	-	17.58	17.68	0.10	3490.35
MW - 6		06/01/07	3507.94	-	17.60	17.70	0.10	3490.33
MW - 6		06/06/07	3507.94	-	17.61	17.64	0.03	3490.33
MW - 6		06/11/07	3507.94	-	17.69	18.49	0.80	3490.13
MW - 6		06/19/07	3507.94	-	17.76	17.87	0.11	3490.16
MW - 6		06/25/07	3507.94	-	17.84	18.02	0.18	3490.07
MW - 6		07/03/07	3507.94	-	17.96	18.49	0.53	3489.90
MW - 6		07/23/07	3507.94	-	18.19	18.43	0.24	3489.71
MW - 6		07/31/07	3507.94	-	18.27	18.44	0.17	3489.64
MW - 6		08/14/07	3507.94	-	18.34	18.55	0.21	3489.57
MW - 6		08/15/07	3507.94	-	18.36	18.91	0.55	3489.50
MW - 6		08/25/07	3507.94	-	18.42	18.61	0.19	3489.49
MW - 6		09/05/07	3507.94	-	18.48	18.68	0.20	3489.43
MW - 6		09/10/07	3507.94	-	18.47	18.61	0.14	3489.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		09/17/07	3507.94	-	18.23	18.30	0.07	3489.70
MW - 6		09/24/07	3507.94	-	18.13	18.19	0.06	3489.80
MW - 6		11/05/07	3507.94	-	18.12	18.23	0.11	3489.80
MW - 6		11/06/07	3507.94	-	18.19	18.71	0.52	3489.67
MW - 6		11/12/07	3507.94	-	18.12	18.26	0.14	3489.80
MW - 6		11/19/07	3507.94	-	18.15	18.25	0.10	3489.78
MW - 6		11/30/07	3507.94	-	18.12	18.74	0.62	3489.73
MW - 6		12/03/07	3507.94	-	18.11	18.18	0.07	3489.82
MW - 6		12/14/07	3507.94	-	18.08	18.13	0.05	3489.85
MW - 6		12/17/07	3507.94	-	18.10	18.13	0.03	3489.84
MW - 6		01/09/08	3507.94	-	17.90	18.16	0.26	3490.00
MW - 6		01/16/08	3507.94	-	18.04	18.30	0.26	3489.86
MW - 6		01/21/08	3507.94	-	18.01	18.38	0.37	3489.87
MW - 6		01/30/08	3507.94	-	18.00	18.04	0.04	3489.93
MW - 6		02/08/08	3507.94	-	18.00	18.04	0.04	3489.93
MW - 6		02/12/08	3507.94	-	18.00	18.04	0.04	3489.93
MW - 6		02/14/08	3507.94	-	17.99	18.02	0.03	3489.95
MW - 6		02/20/08	3507.94	-	18.00	18.03	0.03	3489.94
MW - 6		02/28/08	3507.94	-	17.98	17.99	0.01	3489.96
MW - 6		03/05/08	3507.94	-	17.98	18.01	0.03	3489.96
MW - 6		03/13/08	3507.94	-	17.96	18.04	0.08	3489.97
MW - 6		03/19/08	3507.94	-	17.97	18.09	0.12	3489.95
MW - 6		03/24/08	3507.94	-	17.94	18.02	0.08	3489.99
MW - 6		04/02/08	3507.94	-	17.94	18.10	0.16	3489.98
MW - 6		04/07/08	3507.94	-	17.94	18.04	0.10	3489.99
MW - 6		04/14/08	3507.94	-	17.94	18.03	0.09	3489.99
MW - 6		04/23/08	3507.94	-	17.93	18.01	0.08	3490.00
MW - 6		05/07/08	3507.94	-	17.94	18.09	0.15	3489.98
MW - 6		05/13/08	3507.94	-	17.94	18.09	0.15	3489.98
MW - 6		05/14/08	3507.94	-	17.93	18.00	0.07	3490.00
MW - 6		05/19/08	3507.94	-	17.92	17.98	0.06	3490.01
MW - 6		06/09/08	3507.94	-	18.22	18.47	0.25	3489.68
MW - 6		06/16/08	3507.94	-	17.95	18.12	0.17	3489.96
MW - 6		06/23/08	3507.94	-	17.52	18.88	1.36	3490.22
MW - 6		06/30/08	3507.94	-	18.52	18.82	0.30	3489.38
MW - 6		07/14/08	3507.94	-	18.58	18.76	0.18	3489.33
MW - 6		07/22/08	3507.94	-	18.62	18.76	0.14	3489.30
MW - 6		08/04/08	3507.94	-	18.98	19.12	0.14	3488.94
MW - 6		08/11/08	3507.94	-	18.74	18.80	0.06	3489.19
MW - 6		08/14/08	3507.94	-	18.75	18.98	0.23	3489.16
MW - 6		08/18/08	3507.94	-	18.76	18.84	0.08	3489.17
MW - 6		08/28/08	3507.94	-	18.69	18.75	0.06	3489.24
MW - 6		09/17/08	3507.94	-	18.45	18.65	0.20	3489.46
MW - 6		09/29/08	3507.94	-	18.35	18.40	0.05	3489.58
MW - 6		10/06/08	3507.94	-	18.39	18.45	0.06	3489.54
MW - 6		10/13/08	3507.94	-	18.44	18.57	0.13	3489.48
MW - 6		10/20/08	3507.94	-	18.41	18.43	0.02	3489.53
MW - 6		10/29/08	3507.94	-	18.23	18.30	0.07	3489.70
MW - 6		10/30/08	3507.94	-	18.33	18.34	0.01	3489.61
MW - 6		11/06/08	3507.94	-	sheen	18.30	0.00	3489.64
MW - 6		11/12/08	3507.94	-	sheen	18.29	0.00	3489.65
MW - 6		11/13/08	3507.94	-	sheen	18.25	0.00	3489.69
MW - 6		12/16/08	3507.94	-	sheen	18.23	0.00	3489.71
MW - 6		12/19/08	3507.94	-	18.21	18.22	0.01	3489.73
MW - 6		12/22/08	3507.94	-	sheen	18.16	0.00	3489.78
MW - 6		01/06/09	3507.94	-	-	18.21	0.00	3489.73
MW - 6		01/12/09	3507.94	-	-	18.19	0.00	3489.75
MW - 6		01/19/09	3507.94	-	-	18.21	0.00	3489.73
MW - 6		01/26/09	3507.94	-	-	18.21	0.00	3489.73
MW - 6		02/10/09	3507.94	-	-	18.15	0.00	3489.79
MW - 6		02/13/09	3507.94	-	-	18.17	0.00	3489.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		02/16/09	3507.94	-	-	18.14	0.00	3489.80
MW - 6		02/24/09	3507.94	-	-	18.13	0.00	3489.81
MW - 6		03/02/09	3507.94	-	-	18.22	0.00	3489.72
MW - 6		03/05/09	3507.94	-	-	18.20	0.00	3489.74
MW - 6		03/09/09	3507.94	-	-	18.12	0.00	3489.82
MW - 6		03/16/09	3507.94	-	-	18.15	0.00	3489.79
MW - 6		03/19/09	3507.94	-	-	18.24	0.00	3489.70
MW - 6		03/25/09	3507.94	-	-	18.26	0.00	3489.68
MW - 6		03/30/09	3507.94	-	-	18.27	0.00	3489.67
MW - 6		04/13/09	3507.94	-	-	18.09	0.00	3489.85
MW - 6		04/16/09	3507.94	-	-	18.28	0.00	3489.66
MW - 6		04/21/09	3507.94	-	-	18.25	0.00	3489.69
MW - 6		04/27/09	3507.94	-	-	18.10	0.00	3489.84
MW - 6		04/30/09	3507.94	-	-	18.25	0.00	3489.69
MW - 6		05/06/09	3507.94	-	-	18.27	0.00	3489.67
MW - 6		05/12/09	3507.94	-	-	18.08	0.00	3489.86
MW - 6		05/19/09	3507.94	-	-	18.17	0.00	3489.77
MW - 6		05/26/09	3507.94	-	-	18.22	0.00	3489.72
MW - 6		06/01/09	3507.94	-	-	18.32	0.00	3489.62
MW - 6		06/12/09	3507.94	-	-	18.40	0.00	3489.54
MW - 6		06/15/09	3507.94	-	-	18.43	0.00	3489.51
MW - 6		06/22/09	3507.94	-	-	18.54	0.00	3489.40
MW - 6		06/24/09	3507.94	-	-	18.53	0.00	3489.41
MW - 6		06/29/09	3507.94	-	-	18.63	0.00	3489.31
MW - 6		07/06/09	3507.94	-	-	18.68	0.00	3489.26
MW - 6		07/09/09	3507.94	-	-	18.19	0.00	3489.75
MW - 6		07/13/09	3507.94	-	-	18.21	0.00	3489.73
MW - 6		07/20/09	3507.94	-	-	18.22	0.00	3489.72
MW - 6		07/23/09	3507.94	-	-	18.81	0.00	3489.13
MW - 6		07/27/09	3507.94	-	-	18.83	0.00	3489.11
MW - 6		07/29/09	3507.94	-	-	18.77	0.00	3489.17
MW - 6		08/03/09	3507.94	-	-	18.69	0.00	3489.25
MW - 6		08/10/09	3507.94	-	-	18.78	0.00	3489.16
MW - 6		08/10/09	3507.94	-	-	18.78	0.00	3489.16
MW - 6		08/18/09	3507.94	-	-	18.86	0.00	3489.08
MW - 6		08/24/09	3507.94	-	-	18.95	0.00	3488.99
MW - 6		08/28/09	3507.94	-	-	18.90	0.00	3489.04
MW - 6		08/31/09	3507.94	-	-	19.03	0.00	3488.91
MW - 6		09/02/09	3507.94	-	-	18.74	0.00	3489.20
MW - 6		09/08/09	3507.94	-	-	19.04	0.00	3488.90
MW - 6		09/10/09	3507.94	-	-	18.95	0.00	3488.99
MW - 6		09/16/09	3507.94	-	-	18.96	0.00	3488.98
MW - 6		09/18/09	3507.94	-	-	18.83	0.00	3489.11
MW - 6		09/22/09	3507.94	-	-	19.00	0.00	3488.94
MW - 6		09/28/09	3507.94	-	-	18.92	0.00	3489.02
MW - 6		10/09/09	3507.94	-	-	19.02	0.00	3488.92
MW - 6		10/12/09	3507.94	-	-	18.23	0.00	3489.71
MW - 6		10/20/09	3507.94	-	-	19.14	0.00	3488.80
MW - 6		10/26/09	3507.94	-	-	18.25	0.00	3489.69
MW - 6		10/28/09	3507.94	-	-	19.10	0.00	3488.84
MW - 6		11/03/09	3507.94	-	-	19.02	0.00	3488.92
MW - 6		11/12/09	3507.94	-	-	19.01	0.00	3488.93
MW - 6		11/18/09	3507.94	-	-	19.02	0.00	3488.92
MW - 6		12/03/09	3507.94	-	sheen	19.00	0.00	3488.94
MW - 6		12/11/09	3507.94	-	sheen	19.00	0.00	3488.94
MW - 6		12/16/09	3507.94	-	sheen	18.92	0.00	3489.02
MW - 6		12/21/09	3507.94	-	sheen	18.99	0.00	3488.95
MW - 6		12/28/09	3507.94	-	sheen	19.04	0.00	3488.90
MW - 6		01/04/10	3507.94	-	sheen	18.94	0.00	3489.00
MW - 6		01/14/10	3507.94	-	sheen	18.95	0.00	3488.99
MW - 6		01/20/10	3507.94	-	sheen	18.80	0.00	3489.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		01/25/10	3507.94	-	sheen	18.81	0.00	3489.13
MW - 6		01/27/10	3507.94	-	sheen	18.80	0.00	3489.14
MW - 6		02/01/10	3507.94	-	sheen	18.79	0.00	3489.15
MW - 6		02/08/10	3507.94	-	sheen	17.87	0.00	3490.07
MW - 6		02/09/10	3507.94	-	sheen	18.82	0.00	3489.12
MW - 6		02/19/10	3507.94	-	sheen	18.72	0.00	3489.22
MW - 6		02/26/10	3507.94	-	sheen	18.74	0.00	3489.20
MW - 6		03/01/10	3507.94	-	sheen	19.26	0.00	3488.68
MW - 6		03/04/10	3507.94	-	sheen	18.70	0.00	3489.24
MW - 6		03/08/10	3507.94	-	sheen	18.72	0.00	3489.22
MW - 6		03/11/10	3507.94	-	sheen	18.58	0.00	3489.36
MW - 6		03/15/10	3507.94	-	sheen	18.67	0.00	3489.27
MW - 6		03/17/10	3507.94	-	sheen	18.55	0.00	3489.39
MW - 6		03/22/10	3507.94	-	sheen	18.51	0.00	3489.43
MW - 6		03/29/10	3507.94	-	sheen	18.46	0.00	3489.48
MW - 6		04/05/10	3507.94	-	sheen	18.54	0.00	3489.40
MW - 6		04/14/10	3507.94	-	sheen	18.49	0.00	3489.45
MW - 6		04/16/10	3507.94	-	sheen	18.42	0.00	3489.52
MW - 6		04/19/10	3507.94	-	sheen	18.48	0.00	3489.46
MW - 6		04/28/10	3507.94	-	sheen	18.45	0.00	3489.49
MW - 6		05/05/10	3507.94	-	sheen	18.42	0.00	3489.52
MW - 6		05/12/10	3507.94	-	sheen	18.43	0.00	3489.51
MW - 6		05/14/10	3507.94	-	sheen	18.44	0.00	3489.50
MW - 6		05/21/10	3507.94	-	sheen	18.45	0.00	3489.49
MW - 6		05/26/10	3507.94	-	sheen	18.41	0.00	3489.53
MW - 6		06/04/10	3507.94	-	sheen	18.47	0.00	3489.47
MW - 6		06/07/10	3507.94	-	sheen	18.63	0.00	3489.31
MW - 6		06/12/10	3507.94	-	sheen	18.66	0.00	3489.28
MW - 6		06/24/10	3507.94	-	sheen	18.81	0.00	3489.13
MW - 6		06/30/10	3507.94	-	sheen	18.90	0.00	3489.04
MW - 6		07/07/10	3507.94	-	sheen	18.56	0.00	3489.38
MW - 6		07/12/10	3507.94	-	sheen	18.30	0.00	3489.64
MW - 6		07/19/10	3507.94	-	sheen	18.18	0.00	3489.76
MW - 6		07/26/10	3507.94	-	-	-	-	-
MW - 6		08/03/10	3507.94	-	sheen	18.11	0.00	3489.83
MW - 6		08/11/10	3507.94	-	sheen	18.12	0.00	3489.82
MW - 6		08/19/10	3507.94	-	sheen	18.15	0.00	3489.79
MW - 6		08/25/10	3507.94	-	sheen	18.20	0.00	3489.74
MW - 6		09/01/10	3507.94	-	sheen	18.24	0.00	3489.70
MW - 6		09/09/10	3507.94	-	sheen	18.33	0.00	3489.61
MW - 6		09/13/10	3507.94	-	sheen	18.13	0.00	3489.81
MW - 6		09/29/10	3507.94	-	sheen	18.42	0.00	3489.52
MW - 6		10/05/10	3507.94	-	sheen	18.13	0.00	3489.81
MW - 6		10/20/10	3507.94	-	sheen	19.52	0.00	3488.42
MW - 6		10/25/10	3507.94	-	sheen	19.51	0.00	3488.43
MW - 6		11/03/10	3507.94	-	sheen	18.27	0.00	3489.67
MW - 6		11/10/10	3507.94	-	sheen	18.33	0.00	3489.61
MW - 6		11/11/10	3507.94	-	sheen	18.33	0.00	3489.61
MW - 6		12/09/10	3507.94	-	sheen	18.16	0.00	3489.78
MW - 6		01/18/11	3507.94	-	sheen	18.34	0.00	3489.60
MW - 6		02/16/11	3507.94	-	sheen	18.35	0.00	3489.59
MW - 6		03/01/11	3507.94	-	sheen	18.40	0.00	3489.54
MW - 6		03/07/11	3507.94	-	sheen	18.35	0.00	3489.59
MW - 6		03/22/11	3507.94	-	sheen	18.34	0.00	3489.60
MW - 6		04/27/11	3507.94	-	sheen	18.35	0.00	3489.59
MW - 6		05/05/11	3507.94	-	sheen	18.42	0.00	3489.52
MW - 6		05/10/11	3507.94	-	sheen	18.37	0.00	3489.57
MW - 6		05/17/11	3507.94	-	sheen	18.41	0.00	3489.53
MW - 6		05/24/11	3507.94	-	sheen	18.59	0.00	3489.35
MW - 6		05/29/11	3507.94	-	sheen	18.41	0.00	3489.53
MW - 6		06/07/11	3507.94	-	sheen	18.69	0.00	3489.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		06/08/11	3507.94	-	sheen	18.72	0.00	3489.22
MW - 6		06/14/11	3507.94	-	sheen	18.63	0.00	3489.31
MW - 6		06/23/11	3507.94	-	sheen	18.68	0.00	3489.26
MW - 6		06/28/11	3507.94	-	sheen	18.73	0.00	3489.21
MW - 6		07/06/11	3507.94	-	sheen	18.83	0.00	3489.11
MW - 6		07/14/11	3507.94	-	sheen	18.91	0.00	3489.03
MW - 6		07/20/11	3507.94	-	-	19.02	0.00	3488.92
MW - 6		07/27/11	3507.94	-	-	19.06	0.00	3488.88
MW - 6		08/03/11	3507.94	-	-	19.07	0.00	3488.87
MW - 6		08/10/11	3507.94	-	-	19.13	0.00	3488.81
MW - 6		08/18/11	3507.94	-	-	19.11	0.00	3488.83
MW - 6		08/25/11	3507.94	-	-	19.12	0.00	3488.82
MW - 6		09/07/11	3507.94	-	-	19.24	0.00	3488.70
MW - 6		09/14/11	3507.94	-	-	19.26	0.00	3488.68
MW - 6		11/14/11	3507.94	-	-	19.10	0.00	3488.84
MW - 6		12/01/11	3507.94	-	-	19.04	0.00	3488.90
MW - 6		12/08/11	3507.94	-	-	19.04	0.00	3488.90
MW - 6		12/14/11	3507.94	-	-	19.03	0.00	3488.91
MW - 6		01/12/12	3507.94	-	-	18.92	0.00	3489.02
MW - 6		01/19/12	3507.94	-	-	18.90	0.00	3489.04
MW - 6		02/03/12	3507.94	-	-	18.88	0.00	3489.06
MW - 6		02/29/12	3507.94	-	-	18.77	0.00	3489.17
MW - 6		03/14/12	3507.94	-	-	18.72	0.00	3489.22
MW - 6		03/19/12	3507.94	-	-	18.72	0.00	3489.22
MW - 6		03/29/12	3507.94	-	-	18.70	0.00	3489.24
MW - 6		04/05/12	3507.94	-	-	18.66	0.00	3489.28
MW - 6		04/18/12	3507.94	-	-	18.62	0.00	3489.32
MW - 6		04/27/12	3507.94	-	-	18.66	0.00	3489.28
MW - 6		05/02/12	3507.94	-	-	18.70	0.00	3489.24
MW - 6		05/31/12	3507.94	-	-	18.66	0.00	3489.28
MW - 6		06/08/12	3507.94	-	-	19.63	0.00	3488.31
MW - 6		06/12/12	3507.94	-	-	18.76	0.00	3489.18
MW - 6		06/21/12	3507.94	-	-	18.76	0.00	3489.18
MW - 6		06/29/12	3507.94	-	-	18.83	0.00	3489.11
MW - 6		07/13/12	3507.94	-	-	19.02	0.00	3488.92
MW - 6		12/06/12	3507.94	-	19.02	19.11	0.09	3488.91
MW - 6		12/11/12	3507.94	-	19.02	19.14	0.12	3488.90
MW - 6		12/18/12	3507.94	-	19.01	19.07	0.06	3488.92
MW - 6		01/09/13	3507.94	-	18.98	19.09	0.11	3488.94
MW - 6		01/15/13	3507.94	-	-	20.65	0.00	3487.29
MW - 6		01/23/13	3507.94	-	18.95	19.06	0.11	3488.97
MW - 6		01/29/13	3507.94	-	18.93	19.02	0.09	3489.00
MW - 6		02/07/13	3507.94	-	18.93	19.03	0.10	3489.00
MW - 6		02/13/13	3507.94	-	18.90	18.97	0.07	3489.03
MW - 6		02/20/13	3507.94	-	18.90	19.00	0.10	3489.03
MW - 6		03/15/13	3507.94	-	18.89	19.08	0.19	3489.02
MW - 6		03/19/13	3507.94	-	18.86	18.99	0.13	3489.06
MW - 6		04/02/13	3507.94	-	18.82	18.99	0.17	3489.09
MW - 6		04/09/13	3507.94	-	18.79	18.86	0.07	3489.14
MW - 6		04/16/13	3507.94	-	18.77	18.85	0.08	3489.16
MW - 6		04/23/13	3507.94	-	18.80	18.91	0.11	3489.12
MW - 6		04/30/13	3507.94	-	18.78	20.37	1.59	3488.92
MW - 6		05/08/13	3507.94	-	18.77	18.96	0.19	3489.14
MW - 6		05/14/13	3507.94	-	18.75	18.79	0.04	3489.18
MW - 6		05/22/13	3507.94	-	18.98	19.73	0.75	3488.85
MW - 6		05/28/13	3507.94	-	18.76	18.80	0.04	3489.17
MW - 6		06/04/13	3507.94	-	18.81	18.84	0.03	3489.13
MW - 6		06/11/13	3507.94	-	18.86	18.95	0.09	3489.07
MW - 6		06/19/13	3507.94	-	19.04	19.14	0.10	3488.89
MW - 6		06/28/13	3507.94	-	19.03	19.40	0.37	3488.85
MW - 6		07/01/13	3507.94	-	19.10	19.14	0.04	3488.83

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TNM 97- 17
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NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6		07/08/13	3507.94	-	19.34	19.55	0.21	3488.57
MW - 6		07/23/13	3507.94	-	19.19	19.25	0.06	3488.74
MW - 6		07/30/13	3507.94	-	19.12	19.31	0.19	3488.79
MW - 6		08/05/13	3507.94	-	19.08	19.12	0.04	3488.85
MW - 6		08/12/13	3507.94	-	19.14	19.75	0.61	3488.71
MW - 6		08/22/13	3507.94	-	19.23	20.61	1.38	3488.50
MW - 6		08/29/13	3507.94	-	19.30	19.99	0.69	3488.54
MW - 6		09/05/13	3507.94	-	19.33	19.71	0.38	3488.55
MW - 6		09/10/13	3507.94	-	19.40	19.43	0.03	3488.54
MW - 6		09/17/13	3507.94	-	19.43	19.55	0.12	3488.49
MW - 6		09/24/13	3507.94	-	19.43	19.47	0.04	3488.50
MW - 6		10/07/13	3507.94	-	19.50	19.60	0.10	3488.43
MW - 6		11/14/13	-	-	22.23	22.35	0.12	-
MW - 6		11/21/13	-	-	22.23	22.50	0.27	-
MW - 6		12/12/13	-	-	22.15	22.53	0.38	-
MW - 6		12/19/13	-	-	22.10	22.22	0.12	-
MW - 6		01/03/14	-	-	22.09	22.26	0.17	-
MW - 6		01/09/14	-	-	22.10	22.31	0.21	-
MW - 6		01/13/14	-	-	22.09	22.28	0.19	-
MW - 6		01/21/14	-	-	22.06	22.25	0.19	-
MW - 6		01/24/14	-	-	22.09	22.27	0.18	-
MW - 6	John Flores	02/04/14	3512.05	-	22.04	22.16	0.12	3489.99
MW - 6		02/10/14	3512.05	-	22.08	22.21	0.13	3489.95
MW - 6	David F.	02/27/14	3512.05	-	21.97	22.23	0.26	3490.04
MW - 6	David F.	03/17/14	3512.05	-	21.93	21.96	0.03	3490.12
MW - 6	David F.	03/27/14	3512.05	-	21.92	22.15	0.23	3490.10
MW - 6	David & Jose	04/02/14	3512.05	-	21.92	21.96	0.04	3490.12
MW - 6	Manny & Lira	04/16/14	3512.05	-	21.88	22.01	0.13	3490.15
MW - 6	Manny & Chanc	04/22/14	3512.05	-	21.87	22.90	1.03	3490.03
MW - 6	David & Justin	04/28/14	3512.05	-	21.88	21.99	0.11	3490.15
MW - 6	Manny & Chanc	05/06/14	3512.05	-	21.85	22.40	0.55	3490.12
MW - 6	Manny	05/13/14	3512.05	-	21.95	22.15	0.20	3490.07
MW - 6	Jose & Chance	05/14/14	3512.05	-	21.89	21.96	0.07	3490.15
MW - 6	Manny	05/21/14	3512.05	-	21.92	22.78	0.86	3490.00
MW - 6	Manny & Chanc	06/05/14	3512.05	-	22.07	23.00	0.93	3489.84
MW - 6	Manny	06/11/14	3512.05	-	22.10	22.90	0.80	3489.83
MW - 6	Manny	06/16/14	3512.05	-	22.17	22.50	0.33	3489.83
MW - 6	Manny	06/24/14	3512.05	-	22.28	23.00	0.72	3489.66
MW - 6	Manny	07/01/14	3512.05	-	22.33	22.78	0.45	3489.65
MW - 6	David	07/08/14	3512.05	-	22.38	22.43	0.05	3489.66
MW - 6	Manny	07/15/14	3512.05	-	22.44	22.89	0.45	3489.54
MW - 6	Manny	07/22/14	3512.05	-	22.53	23.50	0.97	3489.37
MW - 6	Manny	07/23/14	3512.05	-	22.53	23.50	0.97	3489.37
MW - 6	Manny	07/31/14	3512.05	-	22.61	23.99	1.38	3489.23
MW - 6	David F.	08/05/14	3512.05	-	22.62	22.65	0.03	3489.43
MW - 6	Manny	08/07/14	3512.05	-	22.57	22.95	0.38	3489.42
MW - 6	Manny	08/15/14	3512.05	-	22.60	23.17	0.57	3489.36
MW - 6	Manny	08/20/14	3512.05	-	22.62	22.91	0.29	3489.39
MW - 6	Manny	08/27/14	3512.05	-	22.65	23.37	0.72	3489.29
MW - 6	Manny	09/24/14	3512.05	-	22.08	22.82	0.74	3489.86
MW - 6	Manny	10/01/14	3512.05	-	21.69	21.83	0.14	3490.34
MW - 6	Manny	10/07/14	3512.05	-	-	21.60	0.00	3490.45
MW - 6	Manny	10/14/14	3512.05	-	-	21.55	0.00	3490.50
MW - 6	Manny	10/20/14	3512.05	-	-	21.53	0.00	3490.52
MW - 6	Manny	10/27/14	3512.05	-	-	21.51	0.00	3490.54
MW - 6	Manny	10/28/14	3512.05	-	-	19.51	0.00	3492.54
MW - 6	Manny	11/03/14	3512.05	-	-	-	-	-
MW - 6	Manny	11/11/14	3512.05	-	21.50	21.60	0.10	3490.54
MW - 6	Manny	11/19/14	3512.05	-	21.45	21.91	0.46	3490.53
MW - 6	Manny	12/08/14	3512.05	-	21.45	21.85	0.40	3490.54
MW - 6	Manny	12/15/14	3512.05	-	21.45	21.66	0.21	3490.57

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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny	12/18/14	3512.05	-	21.43	21.80	0.37	3490.56
MW - 6	Manny	12/22/14	3512.05	-	21.43	21.80	0.37	3490.56
MW - 6	Manny	12/29/14	3512.05	-	21.44	21.56	0.12	3490.59
MW - 6	Manny	01/05/15	3512.05	-	21.44	21.58	0.14	3490.59
MW - 6	Manny	01/12/15	3512.05	-	21.46	21.56	0.10	3490.58
MW - 6	Manny	01/19/15	3512.05	-	21.42	21.64	0.22	3490.60
MW - 6	Manny	02/04/15	3512.05	-	21.42	22.11	0.69	3490.53
MW - 6	Manny/Matt	02/09/15	3512.05	-	21.42	21.90	0.48	3490.56
MW - 6	Carlos/Matt	02/19/15	3512.05	-	21.41	21.47	0.06	3490.63
MW - 6	Manny/Art	03/03/15	3512.05	-	21.40	21.68	0.28	3490.61
MW - 6	Manny	03/09/15	3512.05	-	21.40	21.93	0.53	3490.57
MW - 6	Carlos/Matt	03/16/15	3512.05	-	21.37	21.46	0.09	3490.67
MW - 6	Manny	03/20/15	3512.05	-	21.42	22.11	0.69	3490.53
MW - 6	Carlos	03/23/15	3512.05	-	21.38	21.44	0.06	3490.66
MW - 6	Manny/Art	03/30/15	3512.05	-	-	21.38	0.00	3490.67
MW - 6	Manny	04/04/15	3512.05	-	-	21.41	0.00	3490.64
MW - 6	Manny/Art	04/07/15	3512.05	-	-	21.40	0.00	3490.65
MW - 6	Manny/Art	04/14/15	3512.05	-	-	21.37	0.00	3490.68
MW - 6	Carlos/Matt	04/20/15	3512.05	-	-	21.34	0.00	3490.71
MW - 6	Manny/Art	04/27/15	3512.05	-	-	21.34	0.00	3490.71
MW - 6	Carlos	05/07/15	3512.05	-	-	21.33	0.00	3490.72
MW - 6	Carlos	05/11/15	3512.05	-	-	21.33	0.00	3490.72
MW - 6	Carlos	05/21/15	3512.05	-	-	21.31	0.00	3490.74
MW - 6	Manny/Art	05/27/15	3512.05	26.75	-	21.29	0.00	3490.76
MW - 6	Carlos	05/28/15	3512.05	-	-	21.30	0.00	3490.75
MW - 6	Manny	06/03/15	3512.05	-	-	21.29	0.00	3490.76
MW - 6	Manny	06/08/15	3512.05	-	-	21.30	0.00	3490.75
MW - 6	Manny	06/15/15	3512.05	-	-	21.32	0.00	3490.73
MW - 6	Arthur	06/25/15	3512.05	-	21.23	21.26	0.03	3490.82
MW - 6	Manny/Arthur	06/29/15	3512.05	-	21.25	21.30	0.05	3490.79
MW - 6	Manny	07/08/15	3512.05	-	21.32	21.35	0.03	3490.73
MW - 6	Carlos	07/09/15	3512.05	-	-	21.33	0.00	3490.72
MW - 6	Manny	07/14/15	3512.05	-	21.37	21.45	0.08	3490.67
MW - 6	Arthur	07/20/15	3512.05	-	-	21.55	0.00	3490.50
MW - 6	Manny	07/28/15	3512.05	-	-	21.62	0.00	3490.43
MW - 6	Manny/Arthur	08/03/15	3512.05	26.75	-	21.66	0.00	3490.39
MW - 6	Carlos	08/04/15	3512.05	-	-	21.57	0.00	3490.48
MW - 6	Manny/Arthur	08/04/15	3512.05	26.75	-	21.63	0.00	3490.42
MW - 6	Carlos	08/10/15	3512.05	-	-	21.68	0.00	3490.37
MW - 6	Carlos	08/17/15	3512.05	-	21.71	21.72	0.01	3490.34
MW - 6	Carlos	08/25/15	3512.05	-	-	21.74	0.00	3490.31
MW - 6	Arthur/Carlos	08/31/15	3512.05	-	-	21.78	0.00	3490.27
MW - 6	Carlos	09/08/15	3512.05	-	21.76	21.80	0.04	3490.28
MW - 6	Carlos	09/15/15	3512.05	-	-	21.80	0.00	3490.25
MW - 6	Manny	09/24/15	3512.05	-	-	21.89	0.00	3490.16
MW - 6	Manny	09/28/15	3512.05	-	-	21.84	0.00	3490.21
MW - 6	Manny	10/06/15	3512.05	-	-	21.85	0.00	3490.20
MW - 6	Carlos	10/12/15	3512.05	-	-	21.79	0.00	3490.26
MW - 6	Manny	10/26/15	3512.05	-	-	21.76	0.00	3490.29
MW - 6	Manny	11/06/15	3512.05	-	-	21.57	0.00	3490.48
MW - 6	Carlos	11/10/15	3512.05	-	-	21.53	0.00	3490.52
MW - 6	Manny	11/18/15	3512.05	26.74	-	21.51	0.00	3490.54
MW - 6	Carlos	12/02/15	3512.05	-	-	21.44	0.00	3490.61
MW - 6	Carlos	12/07/15	3512.05	-	-	21.42	0.00	3490.63
MW - 6	Carlos	12/14/15	3512.05	-	-	21.42	0.00	3490.63
MW - 6	Carlos	01/05/16	3512.05	-	-	21.37	0.00	3490.68
MW - 6	Manny	01/08/16	3512.05	-	-	21.37	0.00	3490.68
MW - 6	Manny	01/12/16	3512.05	-	-	21.40	0.00	3490.65
MW - 6	Carlos	01/18/16	3512.05	-	-	21.34	0.00	3490.71
MW - 6	Carlos	01/25/16	3512.05	-	-	21.33	0.00	3490.72
MW - 6	Carlos	02/01/16	3512.05	-	-	21.32	0.00	3490.73

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Carlos	02/08/16	3512.05	-	-	21.33	0.00	3490.72
MW - 6	Carlos	02/19/16	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Manny	02/23/16	3512.05	26.72	-	21.26	0.00	3490.79
MW - 6	Manny	03/03/16	3512.05	-	-	21.25	0.00	3490.80
MW - 6	Carlos	03/07/16	3512.05	-	-	21.22	0.00	3490.83
MW - 6	Carlos	03/15/16	3512.05	-	-	21.22	0.00	3490.83
MW - 6	Manny	03/21/16	3512.05	-	-	21.21	0.00	3490.84
MW - 6	Carlos	03/28/16	3512.05	-	-	21.19	0.00	3490.86
MW - 6	Carlos	04/05/16	3512.05	-	-	21.16	0.00	3490.89
MW - 6	Manny	04/08/16	3512.05	-	-	21.20	0.00	3490.85
MW - 6	Carlos	04/12/16	3512.05	-	-	21.19	0.00	3490.86
MW - 6	Carlos	04/18/16	3512.05	-	-	21.16	0.00	3490.89
MW - 6	Carlos	04/25/16	3512.05	-	-	21.13	0.00	3490.92
MW - 6	Carlos	05/02/16	3512.05	-	-	21.09	0.00	3490.96
MW - 6	Carlos	05/23/16	3512.05	-	-	21.13	0.00	3490.92
MW - 6	Carlos	06/01/16	3512.05	-	-	21.22	0.00	3490.83
MW - 6	Manny	06/06/16	3512.05	26.71	-	21.25	0.00	3490.80
MW - 6	Carlos	06/09/16	3512.05	-	-	21.25	0.00	3490.80
MW - 6	Carlos	06/28/16	3512.05	-	-	21.49	0.00	3490.56
MW - 6	Manny	07/12/16	3512.05	-	-	21.66	0.00	3490.39
MW - 6	Carlos	07/19/16	3512.05	-	-	21.72	0.00	3490.33
MW - 6	Carlos	07/27/16	3512.05	-	-	21.79	0.00	3490.26
MW - 6	Manny/ Wes	08/03/16	3512.05	26.64	-	21.84	0.00	3490.21
MW - 6	Carlos	08/04/16	3512.05	-	-	21.85	0.00	3490.20
MW - 6	Carlos	08/08/16	3512.05	-	-	21.89	0.00	3490.16
MW - 6	Carlos	08/16/16	3512.05	-	-	21.95	0.00	3490.10
MW - 6	Carlos	08/23/16	3512.05	-	-	21.95	0.00	3490.10
MW - 6	Manny	08/31/16	3512.05	-	-	21.81	0.00	3490.24
MW - 6	Carlos	09/14/16	3512.05	-	-	21.16	0.00	3490.89
MW - 6	Carlos	09/22/16	3512.05	-	-	20.97	0.00	3491.08
MW - 6	Manny	09/27/16	3512.05	-	-	20.87	0.00	3491.18
MW - 6	Wesley	10/07/16	3512.05	-	-	20.81	0.00	3491.24
MW - 6	Manny	10/21/16	3512.05	-	-	20.83	0.00	3491.22
MW - 6	Manny	10/28/16	3512.05	-	-	20.83	0.00	3491.22
MW - 6	Manny	11/04/16	3512.05	-	-	20.86	0.00	3491.19
MW - 6	Manny	11/09/16	3512.05	26.65	-	20.82	0.00	3491.23
MW - 6	Wesley	12/06/16	3512.05	-	-	20.82	0.00	3491.23
MW - 6	Manny	12/15/16	3512.05	-	20.83	20.89	0.06	3491.21
MW - 6	Manny	12/22/16	3512.05	-	-	20.93	0.00	3491.12
MW - 6	Manny	12/29/16	3512.05	-	-	21.99	0.00	3490.06
MW - 6	Carlos	01/05/17	3512.05	-	-	20.86	0.00	3491.19
MW - 6	Manny	01/11/17	3512.05	-	-	20.90	0.00	3491.15
MW - 6	Carlos	01/18/17	3512.05	-	-	20.87	0.00	3491.18
MW - 6	Manny	01/26/17	3512.05	-	-	20.96	0.00	3491.09
MW - 6	Manny	01/31/17	3512.05	-	-	20.86	0.00	3491.19
MW - 6	Carlos	02/10/17	3512.05	-	-	20.84	0.00	3491.21
MW - 6	Wesley	02/17/17	3512.05	-	-	20.80	0.00	3491.25
MW - 6	Manny	02/24/17	3512.05	-	-	20.84	0.00	3491.21
MW - 6	Manny	03/01/17	3512.05	26.65	-	20.89	0.00	3491.16
MW - 6	Carlos	03/09/17	3512.05	-	-	20.88	0.00	3491.17
MW - 6	Wesley	03/15/17	3512.05	-	-	20.82	0.00	3491.23
MW - 6	Manny	03/22/17	3512.05	-	-	20.81	0.00	3491.24
MW - 6	Carlos	03/29/17	3512.05	-	-	20.86	0.00	3491.19
MW - 6	Manny	04/07/17	3512.05	-	-	20.83	0.00	3491.22
MW - 6	Wesley	04/11/17	3512.05	-	-	20.81	0.00	3491.24
MW - 6	Manny	04/20/17	3512.05	-	-	20.76	0.00	3491.29
MW - 6	Jeremy	05/02/17	3512.05	-	-	20.74	0.00	3491.31
MW - 6	Manny	05/12/17	3512.05	-	-	20.80	0.00	3491.25
MW - 6	Jeremy	05/16/17	3512.05	-	-	20.79	0.00	3491.26
MW - 6	Manny	05/24/17	3512.05	26.64	-	20.87	0.00	3491.18
MW - 6	Jeremy	06/05/17	3512.05	-	-	20.95	0.00	3491.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny	06/15/17	3512.05	-	-	21.15	0.00	3490.90
MW - 6	Jeremy	06/28/17	3512.05	-	-	21.23	0.00	3490.82
MW - 6	Jeremy	07/05/17	3512.05	-	-	21.30	0.00	3490.75
MW - 6	Jeremy	07/11/17	3512.05	-	-	21.32	0.00	3490.73
MW - 6	Jeremy	07/17/17	3512.05	-	-	21.41	0.00	3490.64
MW - 6	Jeremy	07/20/17	3512.05	-	-	21.41	0.00	3490.64
MW - 6	Jeremy	08/16/17	3512.05	26.68	-	21.31	0.00	3490.74
MW - 6	Jeremy	09/05/17	3512.05	-	-	21.16	0.00	3490.89
MW - 6	Jeremy	09/13/17	3512.05	-	-	21.36	0.00	3490.69
MW - 6	Jeremy	09/19/17	3512.05	-	-	21.40	0.00	3490.65
MW - 6	Jeremy	09/29/17	3512.05	-	-	21.24	0.00	3490.81
MW - 6	Jeremy	10/05/17	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Jeremy	10/12/17	3512.05	-	-	21.05	0.00	3491.00
MW - 6	Jeremy	10/20/17	3512.05	-	-	20.94	0.00	3491.11
MW - 6	Jeremy	10/24/17	3512.05	-	-	21.04	0.00	3491.01
MW - 6	Jeremy	11/02/17	3512.05	-	-	20.99	0.00	3491.06
MW - 6	Manny/ Jeremy	11/14/17	3512.05	26.59	-	19.97	0.00	3492.08
MW - 6	Manny	11/21/17	3512.05	-	21.19	21.36	0.17	3490.83
MW - 6	Jeremy	12/20/17	3512.05	-	-	20.89	0.00	3491.16
MW - 6	Jeremy	12/28/17	3512.05	-	-	20.88	0.00	3491.17
MW - 6	Jeremy	01/03/18	3512.05	-	-	20.89	0.00	3491.16
MW - 6	Jeremy	01/09/18	3512.05	-	-	20.86	0.00	3491.19
MW - 6	Jeremy	01/19/18	3512.05	-	-	20.85	0.00	3491.20
MW - 6	Jeremy	01/24/18	3512.05	-	-	20.87	0.00	3491.18
MW - 6	Jeremy	02/08/18	3512.05	26.53	-	20.88	0.00	3491.17
MW - 6	Jeremy	02/12/18	3512.05	-	-	20.84	0.00	3491.21
MW - 6	Jeremy	02/22/18	3512.05	-	-	20.82	0.00	3491.23
MW - 6	Jeremy	03/02/18	3512.05	-	-	20.82	0.00	3491.23
MW - 6	Jeremy	03/07/18	3512.05	-	-	20.81	0.00	3491.24
MW - 6	Jeremy	03/19/18	3512.05	-	-	20.79	0.00	3491.26
MW - 6	Jeremy	03/29/18	3512.05	-	-	22.81	0.00	3489.24
MW - 6	Jeremy	04/02/18	3512.05	-	-	20.76	0.00	3491.29
MW - 6	Jeremy	04/11/18	3512.05	-	-	19.75	0.00	3492.30
MW - 6	Jeremy	04/16/18	3512.05	-	-	20.79	0.00	3491.26
MW - 6	Jeremy	04/25/18	3512.05	-	-	20.78	0.00	3491.27
MW - 6	Jeremy	05/01/18	3512.05	-	-	20.76	0.00	3491.29
MW - 6	Jeremy	05/08/18	3512.05	-	-	20.80	0.00	3491.25
MW - 6	Jeremy	05/22/18	3512.05	26.47	-	20.98	0.00	3491.07
MW - 6	Jeremy	05/31/18	3512.05	-	-	21.11	0.00	3490.94
MW - 6	Jeremy	06/06/18	3512.05	-	-	21.19	0.00	3490.86
MW - 6	Jeremy	06/13/18	3512.05	-	-	21.24	0.00	3490.81
MW - 6	Jeremy	06/18/18	3512.05	-	-	21.27	0.00	3490.78
MW - 6	Jeremy	06/25/18	3512.05	-	-	21.31	0.00	3490.74
MW - 6	Jeremy	07/02/18	3512.05	-	-	21.38	0.00	3490.67
MW - 6	Jeremy	07/11/18	3512.05	-	-	21.49	0.00	3490.56
MW - 6	Jeremy	07/19/18	3512.05	-	-	21.50	0.00	3490.55
MW - 6	Jeremy	07/27/18	3512.05	-	-	21.38	0.00	3490.67
MW - 6	Jeremy/ Wesley	08/08/18	3512.05	26.49	-	21.68	0.00	3490.37
MW - 6	Jeremy	08/30/18	3512.05	26.49	-	21.74	0.00	3490.31
MW - 6	Jeremy	09/12/18	3512.05	26.49	-	21.74	0.00	3490.31
MW - 6	Jeremy	09/20/18	3512.05	26.49	-	21.63	0.00	3490.42
MW - 6	Jeremy	09/26/18	3512.05	26.49	-	21.66	0.00	3490.39
MW - 6	Jeremy	10/03/18	3512.05	26.49	-	21.61	0.00	3490.44
MW - 6	Jeremy	10/19/18	3512.05	26.49	-	21.61	0.00	3490.44
MW - 6	Jeremy	10/31/18	3512.05	26.49	-	21.49	0.00	3490.56
MW - 6	Jeremy	11/06/18	3512.05	26.49	-	21.42	0.00	3490.63
MW - 6	Jeremy	11/13/18	3512.05	26.45	-	21.43	0.00	3490.62
MW - 6	Jeremy	12/03/18	3512.05	26.45	-	21.35	0.00	3490.70
MW - 6	Manny/Elias	12/19/18	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Jeremy	12/27/18	3512.05	-	-	21.24	0.00	3490.81
MW - 6	Jeremy	01/03/19	3512.05	-	-	21.21	0.00	3490.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Jeremy	01/09/19	3512.05	-	-	21.20	0.00	3490.85
MW - 6	Jeremy	01/16/19	3512.05	-	-	21.25	0.00	3490.80
MW - 6	Jeremy	01/31/19	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Jeremy	02/06/19	3512.05	-	-	21.23	0.00	3490.82
MW - 6	Jeremy	01/21/00	3512.05	-	-	21.25	0.00	3490.80
MW - 6	Jeremy	02/13/19	3512.05	26.49	-	21.20	0.00	3490.85
MW - 6	Jeremy	02/21/19	3512.05	-	-	21.13	0.00	3490.92
MW - 6	Jeremy	02/07/19	3512.05	-	-	25.80	0.00	3486.25
MW - 6	Jeremy	02/28/19	3512.05	-	-	21.14	0.00	3490.91
MW - 6	Jeremy	03/06/19	3512.05	-	-	21.15	0.00	3490.90
MW - 6	Elias	03/12/19	3512.05	-	-	21.10	0.00	3490.95
MW - 6	Elias	03/19/19	3512.05	-	-	21.10	0.00	3490.95
MW - 6	Elias	03/28/19	3512.05	-	-	21.07	0.00	3490.98
MW - 6	Elias	04/01/19	3512.05	-	-	21.08	0.00	3490.97
MW - 6	Elias	04/10/19	3512.05	-	-	21.05	0.00	3491.00
MW - 6	Elias	04/17/19	3512.05	-	-	21.06	0.00	3490.99
MW - 6	Elias	04/24/19	3512.05	-	-	21.06	0.00	3490.99
MW - 6	Elias	04/24/19	3512.05	-	-	21.06	0.00	3490.99
MW - 6	Elias	05/01/19	3512.05	-	-	21.05	0.00	3491.00
MW - 6	Elias	05/08/19	3512.05	26.44	-	21.03	0.00	3491.02
MW - 6	Elias	05/17/19	3512.05	-	-	21.04	0.00	3491.01
MW - 6	Elias	05/23/19	3512.05	-	-	21.04	0.00	3491.01
MW - 6	Elias	05/31/19	3512.05	-	-	21.14	0.00	3490.91
MW - 6	Elias	06/14/19	3512.05	-	-	21.22	0.00	3490.83
MW - 6	Elias	06/18/19	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Elias	06/28/19	3512.05	-	-	21.43	0.00	3490.62
MW - 6	Elias	07/11/19	3512.05	-	-	21.54	0.00	3490.51
MW - 6	Elias	07/19/19	3512.05	-	-	21.59	0.00	3490.46
MW - 6	Elias	08/02/19	3512.05	-	-	21.69	0.00	3490.36
MW - 6	Elias	08/08/19	3512.05	26.40	-	21.72	0.00	3490.33
MW - 6	Elias	08/08/19	3512.05	-	-	-	-	-
MW - 6	Elias	09/12/19	3512.05	-	-	21.91	0.00	3490.14
MW - 6	Elias	09/17/19	3512.05	-	-	21.92	0.00	3490.13
MW - 6	Elias	09/23/19	3512.05	-	-		0.00	3512.05
MW - 6	Elias	10/08/19	3512.05	-	-	21.80	0.00	3490.25
MW - 6	Elias	10/15/19	3512.05	-	-	21.72	0.00	3490.33
MW - 6	Elias	10/24/19	3512.05	-	-	20.97	0.00	3491.08
MW - 6	Elias	10/31/19	3512.05	-	-	21.66	0.00	3490.39
MW - 6	Elias	11/06/19	3512.05	26.33	-	21.64	0.00	3490.41
MW - 6	Elias	11/13/19	3512.05	26.25	-	21.58	0.00	3490.47
MW - 6	Elias	12/02/19	3512.05	-	-	21.47	0.00	3490.58
MW - 6	Elias	12/12/19	3512.05	-	-	21.40	0.00	3490.65
MW - 6	Elias	12/17/19	3512.05	-	-	21.43	0.00	3490.62
MW - 6	Elias	12/26/19	3512.05	-	-	21.39	0.00	3490.66
MW - 6	Elias	01/06/20	3512.05	-	-	21.35	0.00	3490.70
MW - 6	Elias	01/17/20	3512.05	-	-	21.31	0.00	3490.74
MW - 6	Elias	01/23/20	3512.05	-	-	21.32	0.00	3490.73
MW - 6	Elias	01/29/20	3512.05	-	-	21.31	0.00	3490.74
MW - 6	Elias	02/14/20	3512.05	-	-	21.27	0.00	3490.78
MW - 6	Elias	02/21/20	3512.05	-	-	21.28	0.00	3490.77
MW - 6	Elias	02/28/20	3512.05	-	-	21.26	0.00	3490.79
MW - 6	Elias	03/04/20	3512.05	25.78	-	21.26	0.00	3490.79
MW - 6	Manny	05/14/20	3512.05	-	-	21.06	0.00	3490.99
MW - 6	Manny	05/21/20	3512.05	-	-	21.09	0.00	3490.96
MW - 6	Manny	06/18/20	3512.05	25.80	-	21.48	0.00	3490.57
MW - 6	Manny	07/01/20	3512.05	-	-	21.64	0.00	3490.41
MW - 6	Manny	07/21/20	3512.05	-	-	21.81	0.00	3490.24
MW - 6	Manny	08/13/20	3512.05	25.95	-	21.92	0.00	3490.13
MW - 6	Manny	09/14/20	3512.05	-	-	22.04	0.00	3490.01
MW - 6	Manny	09/30/20	3512.05	-	-	22.05	0.00	3490.00
MW - 6	Manny	10/16/20	3512.05	-	-	22.12	0.00	3489.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 6	Manny	11/23/20	3512.05	-	-	22.04	0.00	3490.01
MW - 6	Manny	12/10/20	3512.05	25.86	-	22.14	0.00	3489.91
MW - 6	Manny	12/31/20	3512.05	-	-	22.11	0.00	3489.94
MW - 6	Manny	01/13/21	3512.05	-	-	22.07	0.00	3489.98
MW - 6	Manny	01/22/21	3512.05	-	-	22.07	0.00	3489.98
MW - 6	Manny	02/11/21	3512.05	26.02	-	22.02	0.00	3490.03
MW - 6	Manny	04/21/21	3512.05	-	-	21.90	0.00	3490.15
MW - 6	Manny	04/28/21	3512.05	-	-	21.88	0.00	3490.17
MW - 6	Manny	06/10/21	3512.05	26.38	-	21.93	0.00	3490.12
MW - 6	Manny	07/31/21	3512.05	-	-	21.97	0.00	3490.08
MW - 6	Manny	08/31/21	3512.05	-	-	22.20	0.00	3489.85
MW - 6	Manny	09/23/21	3512.05	26.38	-	22.22	0.00	3489.83
MW - 6	Manny	10/14/21	3512.05	-	22.25	22.32	0.07	3489.79
MW - 6	Manny	10/28/21	3512.05	-	22.28	22.40	0.12	3489.75
MW - 6	Manny	11/22/21	3512.05	-	-	22.34	0.00	3489.71
MW - 6	Manny	12/06/21	3512.05	26.33	-	22.34	0.00	3489.71
MW - 6	Manny	01/19/22	3512.05	-	22.14	22.28	0.14	3489.89
MW - 6	Manny	02/23/22	3512.05	-	22.22	22.50	0.28	3489.79
MW - 6	Manny	03/15/22	3512.05	26.36	22.21	22.39	0.18	3489.81
MW - 6	Manny	03/30/22	3512.05	-	22.18	22.25	0.07	3489.86
MW - 6	Manny	04/13/22	3512.05	-	22.18	22.49	0.31	3489.82
MW - 6	Manny	04/20/22	3512.05	-	22.16	22.60	0.44	3489.82
MW - 6	Manny	05/11/22	3512.05	-	22.23	22.43	0.20	3489.79
MW - 6	Manny	05/31/22	3512.05	-	22.36	22.45	0.09	3489.68
MW - 6	Manny	06/27/22	3512.05	-	22.42	23.92	1.50	3489.41
MW - 6	Manny	07/25/22	3512.05	-	22.62	25.43	2.81	3489.01
MW - 6	Manny	08/16/22	3512.05	-	22.68	23.97	1.29	3489.18
MW - 6	Manny	09/08/22	3512.05	-	22.58	23.33	0.75	3489.36
MW - 6	Manny	11/08/22	3512.05	-	22.45	23.00	0.55	3489.52
MW - 6	Manny	01/17/23	3512.05	-	22.22	22.95	0.73	3489.72
MW - 6	Manny	02/08/23	3512.05	-	22.18	22.50	0.32	3489.82
MW - 6	Manny	02/28/23	3512.05	-	22.12	22.25	0.13	3489.91
MW - 6	Manny	03/27/23	3512.05	-	22.07	22.30	0.23	3489.95
MW - 6	Manny	04/13/23	3512.05	-	21.91	22.20	0.29	3490.10
MW - 6	Manny	05/11/23	3512.05	-	21.97	22.07	0.10	3490.07
MW - 6	Manny	05/25/23	3512.05	-	22.02	22.45	0.43	3489.97
MW - 6	Manny	06/30/23	3512.05	-	22.08	23.30	1.22	3489.79
MW - 6	Manny	07/26/23	3512.05	-	22.42	22.95	0.53	3489.55
MW - 6	Manny	08/10/23	3512.05	-	22.68	22.88	0.20	3489.34
MW - 6	Manny	08/16/23	3512.05	-	22.75	22.85	0.10	3489.29
MW - 6	Manny	11/06/23	3512.05	-	22.42	22.98	0.56	3489.55
MW - 6		12/14/23	3512.05	-	22.31	22.87	0.56	3489.66
MW - 6	Manny	01/25/24	3512.05	-	22.22	22.88	0.66	3489.73
MW - 6	Manny	02/21/24	3512.05	-	22.10	22.82	0.72	3489.84
MW - 6	Manny	02/26/24	3512.05	-	22.15	22.43	0.28	3489.86
MW - 6		03/14/24	3512.05	-	22.08	22.53	0.45	3489.90
MW - 6		04/12/24	3512.05	-	22.03	22.63	0.60	3489.93
MW - 6		05/01/24	3512.05	-	-	22.00	0.00	3490.05
MW - 6		06/17/24	3512.05	-	22.50	22.65	0.15	3489.53
MW - 6		06/28/24	3512.05	-	22.61	22.95	0.34	3489.39
MW - 6		07/25/24	3512.05	-	22.59	23.59	1.00	3489.31
MW - 6		08/09/24	3512.05	-	22.86	23.36	0.50	3489.12
MW - 6		09/23/24	3512.05	-	22.93	23.54	0.61	3489.03
MW - 6		10/17/24	3512.05	-	23.03	23.38	0.35	3488.97
MW - 6		11/26/24	3512.05	-	22.82	23.19	0.37	3489.17
MW - 6	Manny	12/09/24	3512.05	-	22.71	23.05	0.34	3489.29
MW - 6		12/30/24	3512.05	-	22.68	23.04	0.36	3489.32
MW - 6		01/15/25	3512.05	-	22.58	23.03	0.45	3489.40
MW - 7		06/20/02	3507.08	-	18.73	19.03	0.30	3488.31
MW - 7		09/26/02	3507.08	-	18.94	20.52	1.58	3487.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		11/12/02	3507.08	-	18.94	20.59	1.65	3487.89
MW - 7		01/07/03	3507.08	-	18.60	20.18	1.58	3488.24
MW - 7		01/27/03	3507.08	-	18.65	19.92	1.27	3488.24
MW - 7		02/26/03	3507.08	-	18.61	19.56	0.95	3488.33
MW - 7		03/11/03	3507.08	-	18.75	19.09	0.34	3488.28
MW - 7		03/19/03	3507.08	-	18.72	19.15	0.43	3488.30
MW - 7		03/25/03	3507.08	-	18.68	19.18	0.50	3488.33
MW - 7		04/16/03	3507.08	-	18.59	19.17	0.58	3488.40
MW - 7		04/23/03	3507.08	-	18.58	19.32	0.74	3488.39
MW - 7		04/29/03	3507.08	-	18.57	19.30	0.73	3488.40
MW - 7		05/14/03	3507.08	-	18.69	19.66	0.97	3488.24
MW - 7		05/20/03	3507.08	-	18.86	19.90	1.04	3488.06
MW - 7		05/27/03	3507.08	-	18.89	19.94	1.05	3488.03
MW - 7		06/04/03	3507.08	-	18.90	19.29	0.39	3488.12
MW - 7		06/26/03	3507.08	-	18.46	19.09	0.63	3488.53
MW - 7		07/07/03	3507.08	-	19.34	20.04	0.70	3487.64
MW - 7		07/30/03	3507.08	-	19.44	19.52	0.08	3487.63
MW - 7		08/06/03	3507.08	-	19.69	19.84	0.15	3487.37
MW - 7		08/21/03	3507.08	-	19.85	19.98	0.13	3487.21
MW - 7		08/26/03	3507.08	-	19.92	20.11	0.19	3487.13
MW - 7		09/08/03	3507.08	-	19.80	19.88	0.08	3487.27
MW - 7		09/15/03	3507.08	-	19.77	19.81	0.04	3487.30
MW - 7		09/24/03	3507.08	-	20.06	20.20	0.14	3487.00
MW - 7		10/02/03	3507.08	-	19.94	20.10	0.16	3487.12
MW - 7		10/08/03	3507.08	-	19.82	19.94	0.12	3487.24
MW - 7		10/16/03	3507.08	-	20.14	20.25	0.11	3486.92
MW - 7		10/28/03	3507.08	-	20.20	20.37	0.17	3486.85
MW - 7		02/02/04	3507.08	-	20.69	21.04	0.35	3486.34
MW - 7		02/26/04	3507.08	-	19.68	20.33	0.65	3487.30
MW - 7		03/16/04	3507.08	-	19.89	20.70	0.81	3487.07
MW - 7		03/19/04	3507.08	-	19.83	20.53	0.70	3487.15
MW - 7		03/25/04	3507.08	-	19.82	20.71	0.89	3487.13
MW - 7		04/01/04	3507.08	-	19.80	20.68	0.88	3487.15
MW - 7		04/08/04	3507.08	-	19.78	20.70	0.92	3487.16
MW - 7		04/14/04	3507.08	-	19.17	19.85	0.68	3487.81
MW - 7		04/16/04	3507.08	-	19.35	19.85	0.50	3487.66
MW - 7		04/22/04	3507.08	-	18.47	18.93	0.46	3488.54
MW - 7		04/29/04	3507.08	-	18.42	19.04	0.62	3488.57
MW - 7		05/11/04	3507.08	-	18.46	18.84	0.38	3488.56
MW - 7		06/08/04	3507.08	-	18.45	19.66	1.21	3488.45
MW - 7		06/17/04	3507.08	-	18.41	19.69	1.28	3488.48
MW - 7		06/22/04	3507.08	-	18.43	19.61	1.18	3488.47
MW - 7		06/29/04	3507.08	-	18.38	19.55	1.17	3488.52
MW - 7		07/06/04	3507.08	-	18.41	20.12	1.71	3488.41
MW - 7		07/13/04	3507.08	-	18.46	20.07	1.61	3488.38
MW - 7		07/20/04	3507.08	-	18.58	20.43	1.85	3488.22
MW - 7		08/04/04	3507.08	-	18.60	20.43	1.83	3488.21
MW - 7		08/10/04	3507.08	-	18.63	20.41	1.78	3488.18
MW - 7		08/16/04	3507.08	-	17.77	20.72	2.95	3488.87
MW - 7		08/23/04	3507.08	-	18.74	19.82	1.08	3488.18
MW - 7		08/25/04	3507.08	-	18.75	19.60	0.85	3488.20
MW - 7		08/26/04	3507.08	-	18.90	19.30	0.40	3488.12
MW - 7		08/31/04	3507.08	-	18.83	19.75	0.92	3488.11
MW - 7		09/13/04	3507.08	-	18.88	19.64	0.76	3488.09
MW - 7		09/20/04	3507.08	-	18.94	19.59	0.65	3488.04
MW - 7		09/30/04	3507.08	-	19.85	20.50	0.65	3487.13
MW - 7		10/04/04	3507.08	-	18.49	19.19	0.70	3488.49
MW - 7		10/11/04	3507.08	-	18.22	18.73	0.51	3488.78
MW - 7		10/18/04	3507.08	-	18.32	19.10	0.78	3488.64
MW - 7		10/26/04	3507.08	-	18.53	19.00	0.47	3488.48
MW - 7		11/08/04	3507.08	-	18.64	19.47	0.83	3488.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		11/15/04	3507.08	-	18.10	19.85	1.75	3488.72
MW - 7		12/01/04	3507.08	-	17.95	19.95	2.00	3488.83
MW - 7		12/03/04	3507.08	-	17.95	19.95	2.00	3488.83
MW - 7		12/14/04	3507.08	-	18.06	18.31	0.25	3488.98
MW - 7		12/21/04	3507.08	-	18.00	18.43	0.43	3489.02
MW - 7		12/29/04	3507.08	-	17.93	18.20	0.27	3489.11
MW - 7		01/11/05	3507.08	-	17.87	18.24	0.37	3489.15
MW - 7		01/14/05	3507.08	-	17.90	18.29	0.39	3489.12
MW - 7		01/18/05	3507.08	-	17.80	18.22	0.42	3489.22
MW - 7		01/21/05	3507.08	-	17.80	18.11	0.31	3489.23
MW - 7		01/25/05	3507.08	-	17.79	18.23	0.44	3489.22
MW - 7		01/28/05	3507.08	-	17.81	18.25	0.44	3489.20
MW - 7		02/02/05	3507.08	-	17.69	18.15	0.46	3489.32
MW - 7		02/05/05	3507.08	-	17.85	18.04	0.19	3489.20
MW - 7		02/08/05	3507.08	-	17.65	18.10	0.45	3489.36
MW - 7		02/11/05	3507.08	-	17.69	18.11	0.42	3489.33
MW - 7		02/15/05	3507.08	-	17.61	18.08	0.47	3489.40
MW - 7		02/18/05	3507.08	-	17.59	18.03	0.44	3489.42
MW - 7		02/22/05	3507.08	-	17.59	18.03	0.44	3489.42
MW - 7		02/25/05	3507.08	-	17.64	17.95	0.31	3489.39
MW - 7		03/01/05	3507.08	-	17.57	17.60	0.03	3489.51
MW - 7		03/04/05	3507.08	-	17.50	17.51	0.01	3489.58
MW - 7		03/08/05	3507.08	-	sheen	17.52	0.00	3489.56
MW - 7		03/08/05	3507.08	-	sheen	17.52	0.00	3489.56
MW - 7		03/11/05	3507.08	-	sheen	17.55	0.00	3489.53
MW - 7		03/15/05	3507.08	-	sheen	17.50	0.00	3489.58
MW - 7		03/18/05	3507.08	-	sheen	17.49	0.00	3489.59
MW - 7		03/22/05	3507.08	-	sheen	17.46	0.00	3489.62
MW - 7		03/28/05	3507.08	-	sheen	17.38	0.00	3489.70
MW - 7		04/01/05	3507.08	-	sheen	17.41	0.00	3489.67
MW - 7		04/05/05	3507.08	-	sheen	17.34	0.00	3489.74
MW - 7		04/08/05	3507.08	-	sheen	17.36	0.00	3489.72
MW - 7		04/12/05	3507.08	-	sheen	17.32	0.00	3489.76
MW - 7		04/15/05	3507.08	-	sheen	17.34	0.00	3489.74
MW - 7		05/25/05	3507.08	-	sheen	17.14	0.00	3489.94
MW - 7		05/27/05	3507.08	-	sheen	17.11	0.00	3489.97
MW - 7		05/31/05	3507.08	-	sheen	17.09	0.00	3489.99
MW - 7		06/03/05	3507.08	-	sheen	17.06	0.00	3490.02
MW - 7		06/06/05	3507.08	-	sheen	17.05	0.00	3490.03
MW - 7		06/08/05	3507.08	-	-	17.05	0.00	3490.03
MW - 7		06/13/05	3507.08	-	17.03	17.04	0.01	3490.05
MW - 7		06/20/05	3507.08	-	sheen	17.07	0.00	3490.01
MW - 7		06/24/05	3507.08	-	17.09	17.15	0.06	3489.98
MW - 7		06/27/05	3507.08	-	17.09	17.10	0.01	3489.99
MW - 7		07/11/05	3507.08	-	17.23	17.24	0.01	3489.85
MW - 7		07/15/05	3507.08	-	sheen	17.30	0.00	3489.78
MW - 7		07/18/05	3507.08	-	sheen	17.34	0.00	3489.74
MW - 7		07/21/05	3507.08	-	sheen	17.36	0.00	3489.72
MW - 7		07/25/05	3507.08	-	sheen	17.42	0.00	3489.66
MW - 7		08/01/05	3507.08	-	sheen	17.45	0.00	3489.63
MW - 7		08/04/05	3507.08	-	sheen	17.46	0.00	3489.62
MW - 7		08/12/05	3507.08	-	sheen	17.54	0.00	3489.54
MW - 7		08/15/05	3507.08	-	17.49	17.52	0.03	3489.59
MW - 7		08/23/05	3507.08	-	17.31	17.40	0.09	3489.76
MW - 7		08/30/05	3507.08	-	17.28	17.42	0.14	3489.78
MW - 7		09/06/05	3507.08	-	17.22	17.27	0.05	3489.85
MW - 7		09/13/05	3507.08	-	17.28	17.35	0.07	3489.79
MW - 7		09/15/05	3507.08	-	17.23	17.33	0.10	3489.84
MW - 7		09/19/05	3507.08	-	sheen	17.26	0.00	3489.82
MW - 7		09/27/05	3507.08	-	17.25	17.45	0.20	3489.80
MW - 7		10/03/05	3507.08	-	17.30	17.70	0.40	3489.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		10/08/05	3507.08	-	17.24	17.31	0.07	3489.83
MW - 7		10/10/05	3507.08	-	17.25	17.71	0.46	3489.76
MW - 7		10/17/05	3507.08	-	17.20	17.45	0.25	3489.84
MW - 7		10/24/05	3507.08	-	17.16	17.41	0.25	3489.88
MW - 7		10/31/05	3507.08	-	17.18	17.38	0.20	3489.87
MW - 7		11/15/05	3507.08	-	17.13	17.51	0.38	3489.89
MW - 7		11/22/05	3507.08	-	17.11	17.50	0.39	3489.91
MW - 7		11/27/05	3507.08	-	17.08	17.42	0.34	3489.95
MW - 7		12/07/05	3507.08	-	17.11	17.28	0.17	3489.94
MW - 7		12/12/05	3507.08	-	17.17	17.34	0.17	3489.88
MW - 7		12/16/05	3507.08	-	17.22	17.39	0.17	3489.83
MW - 7		12/22/05	3507.08	-	17.29	17.49	0.20	3489.76
MW - 7		12/27/05	3507.08	-	17.06	17.38	0.32	3489.97
MW - 7		01/03/06	3507.08	-	17.10	17.31	0.21	3489.95
MW - 7		01/09/06	3507.08	-	17.10	17.49	0.39	3489.92
MW - 7		01/16/06	3507.08	-	17.05	17.35	0.30	3489.99
MW - 7		01/23/06	3507.08	-	17.17	17.39	0.22	3489.88
MW - 7		01/30/06	3507.08	-	17.05	17.40	0.35	3489.98
MW - 7		02/06/06	3507.08	-	17.10	17.42	0.32	3489.93
MW - 7		02/14/06	3507.08	-	17.01	17.30	0.29	3490.03
MW - 7		02/21/06	3507.08	-	17.01	17.30	0.29	3490.03
MW - 7		03/01/06	3507.08	-	16.99	17.33	0.34	3490.04
MW - 7		03/06/06	3507.08	-	17.03	17.33	0.30	3490.01
MW - 7		03/15/06	3507.08	-	17.00	17.33	0.33	3490.03
MW - 7		03/16/06	3507.08	-	17.04	17.30	0.26	3490.00
MW - 7		03/21/06	3507.08	-	17.04	17.33	0.29	3490.00
MW - 7		03/28/06	3507.08	-	17.05	17.31	0.26	3489.99
MW - 7		04/03/06	3507.08	-	16.97	17.23	0.26	3490.07
MW - 7		04/10/06	3507.08	-	16.95	17.18	0.23	3490.10
MW - 7		04/17/06	3507.08	-	16.97	17.29	0.32	3490.06
MW - 7		05/01/06	3507.08	-	16.94	17.18	0.24	3490.10
MW - 7		05/08/06	3507.08	-	16.95	17.31	0.36	3490.08
MW - 7		05/15/06	3507.08	-	17.00	17.42	0.42	3490.02
MW - 7		05/30/06	3507.08	-	17.23	17.91	0.68	3489.75
MW - 7		06/05/06	3507.08	-	17.30	17.93	0.63	3489.69
MW - 7		06/12/06	3507.08	-	17.42	18.47	1.05	3489.50
MW - 7		06/15/06	3507.08	-	17.45	18.08	0.63	3489.54
MW - 7		06/19/06	3507.08	-	17.51	18.24	0.73	3489.46
MW - 7		07/03/06	3507.08	-	17.64	18.13	0.49	3489.37
MW - 7		07/10/06	3507.08	-	17.66	18.04	0.38	3489.36
MW - 7		07/17/06	3507.08	-	17.52	17.74	0.22	3489.53
MW - 7		07/26/06	3507.08	-	17.60	18.11	0.51	3489.40
MW - 7		07/31/06	3507.08	-	17.66	18.03	0.37	3489.36
MW - 7		08/07/06	3507.08	-	17.69	18.07	0.38	3489.33
MW - 7		08/17/06	3507.08	-	17.64	17.95	0.31	3489.39
MW - 7		08/21/06	3507.08	-	17.59	17.84	0.25	3489.45
MW - 7		09/06/06	3507.08	-	17.30	17.57	0.27	3489.74
MW - 7		09/11/06	3507.08	-	17.28	17.62	0.34	3489.75
MW - 7		09/18/06	3507.08	-	18.26	18.52	0.26	3488.78
MW - 7		09/25/06	3507.08	-	17.24	17.65	0.41	3489.78
MW - 7		10/02/06	3507.08	-	17.20	17.61	0.41	3489.82
MW - 7		10/09/06	3507.08	-	17.30	17.72	0.42	3489.72
MW - 7		10/17/06	3507.08	-	17.30	17.75	0.45	3489.71
MW - 7		10/23/06	3507.08	-	17.28	17.62	0.34	3489.75
MW - 7		10/30/06	3507.08	-	17.27	17.60	0.33	3489.76
MW - 7		11/06/06	3507.08	-	17.24	17.59	0.35	3489.79
MW - 7		11/13/06	3507.08	-	17.20	17.50	0.30	3489.84
MW - 7		11/20/06	3507.08	-	17.23	17.62	0.39	3489.79
MW - 7		11/27/06	3507.08	-	17.17	17.48	0.31	3489.86
MW - 7		11/30/06	3507.08	-	17.20	17.59	0.39	3489.82
MW - 7		12/04/06	3507.08	-	17.26	17.82	0.56	3489.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		12/12/06	3507.08	-	17.27	17.82	0.55	3489.73
MW - 7		12/18/06	3507.08	-	17.05	17.54	0.49	3489.96
MW - 7		01/02/07	3507.08	-	17.18	17.62	0.44	3489.83
MW - 7		01/11/07	3507.08	-	17.15	17.48	0.33	3489.88
MW - 7		01/18/07	3507.08	-	17.20	17.41	0.21	3489.85
MW - 7		01/22/07	3507.08	-	17.14	17.48	0.34	3489.89
MW - 7		02/05/07	3507.08	-	17.22	17.44	0.22	3489.83
MW - 7		02/12/07	3507.08	-	17.08	17.51	0.43	3489.94
MW - 7		02/19/07	3507.08	-	17.07	17.38	0.31	3489.96
MW - 7		02/27/07	3507.08	-	17.07	17.51	0.44	3489.94
MW - 7		03/05/07	3507.08	-	17.08	17.49	0.41	3489.94
MW - 7		03/12/07	3507.08	-	17.08	17.35	0.27	3489.96
MW - 7		03/19/07	3507.08	-	17.06	17.38	0.32	3489.97
MW - 7		04/02/07	3507.08	-	17.06	17.84	0.78	3489.90
MW - 7		04/09/07	3507.08	-	17.01	17.27	0.26	3490.03
MW - 7		05/01/07	3507.08	-	16.99	17.30	0.31	3490.04
MW - 7		05/12/07	3507.08	-	16.99	17.29	0.30	3490.05
MW - 7		05/17/07	3507.08	-	16.90	17.19	0.29	3490.14
MW - 7		05/21/07	3507.08	-	16.84	17.11	0.27	3490.20
MW - 7		05/22/07	3507.08	-	16.84	17.11	0.27	3490.20
MW - 7		06/01/07	3507.08	-	16.84	17.21	0.37	3490.18
MW - 7		06/06/07	3507.08	-	16.86	17.24	0.38	3490.16
MW - 7		06/11/07	3507.08	-	16.93	17.40	0.47	3490.08
MW - 7		06/19/07	3507.08	-	17.02	17.37	0.35	3490.01
MW - 7		06/25/07	3507.08	-	17.09	17.42	0.33	3489.94
MW - 7		07/03/07	3507.08	-	17.21	17.77	0.56	3489.79
MW - 7		07/23/07	3507.08	-	17.42	17.86	0.44	3489.59
MW - 7		07/31/07	3507.08	-	17.52	18.01	0.49	3489.49
MW - 7		08/14/07	3507.08	-	17.57	18.05	0.48	3489.44
MW - 7		08/15/07	3507.08	-	17.62	17.90	0.28	3489.42
MW - 7		08/25/07	3507.08	-	17.65	18.04	0.39	3489.37
MW - 7		09/05/07	3507.08	-	17.72	18.13	0.41	3489.30
MW - 7		09/10/07	3507.08	-	17.70	18.02	0.32	3489.33
MW - 7		09/17/07	3507.08	-	17.46	17.69	0.23	3489.59
MW - 7		09/24/07	3507.08	-	17.38	17.60	0.22	3489.67
MW - 7		11/05/07	3507.08	-	17.35	17.80	0.45	3489.66
MW - 7		11/06/07	3507.08	-	17.42	17.79	0.37	3489.60
MW - 7		11/12/07	3507.08	-	17.37	17.69	0.32	3489.66
MW - 7		11/19/07	3507.08	-	17.34	17.69	0.35	3489.69
MW - 7		11/30/07	3507.08	-	17.39	17.81	0.42	3489.63
MW - 7		12/03/07	3507.08	-	17.36	17.66	0.30	3489.68
MW - 7		12/14/07	3507.08	-	17.45	17.64	0.19	3489.60
MW - 7		12/17/07	3507.08	-	17.33	17.59	0.26	3489.71
MW - 7		01/09/08	3507.08	-	17.25	17.58	0.33	3489.78
MW - 7		01/16/08	3507.08	-	17.29	17.64	0.35	3489.74
MW - 7		01/21/08	3507.08	-	17.31	17.72	0.41	3489.71
MW - 7		01/30/08	3507.08	-	17.23	17.54	0.31	3489.80
MW - 7		02/08/08	3507.08	-	17.24	17.58	0.34	3489.79
MW - 7		02/12/08	3507.08	-	17.24	17.58	0.34	3489.79
MW - 7		02/14/08	3507.08	-	17.23	17.51	0.28	3489.81
MW - 7		02/20/08	3507.08	-	17.21	17.50	0.29	3489.83
MW - 7		02/28/08	3507.08	-	17.22	17.54	0.32	3489.81
MW - 7		03/05/08	3507.08	-	17.23	17.63	0.40	3489.79
MW - 7		03/13/08	3507.08	-	17.19	17.57	0.38	3489.83
MW - 7		03/19/08	3507.08	-	17.23	17.60	0.37	3489.79
MW - 7		03/24/08	3507.08	-	17.19	17.58	0.39	3489.83
MW - 7		04/02/08	3507.08	-	17.18	17.52	0.34	3489.85
MW - 7		04/07/08	3507.08	-	17.18	17.52	0.34	3489.85
MW - 7		04/14/08	3507.08	-	17.19	17.48	0.29	3489.85
MW - 7		04/23/08	3507.08	-	17.19	17.52	0.33	3489.84
MW - 7		05/07/08	3507.08	-	17.18	17.51	0.33	3489.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		05/13/08	3507.08	-	17.18	17.51	0.33	3489.85
MW - 7		05/14/08	3507.08	-	17.20	17.50	0.30	3489.84
MW - 7		05/19/08	3507.08	-	17.19	17.42	0.23	3489.86
MW - 7		06/09/08	3507.08	-	17.46	17.95	0.49	3489.55
MW - 7		06/16/08	3507.08	-	17.24	17.50	0.26	3489.80
MW - 7		06/23/08	3507.08	-	17.70	18.35	0.65	3489.28
MW - 7		06/30/08	3507.08	-	17.76	18.25	0.49	3489.25
MW - 7		07/14/08	3507.08	-	17.82	18.36	0.54	3489.18
MW - 7		07/22/08	3507.08	-	17.87	18.36	0.49	3489.14
MW - 7		07/29/08	3507.08	-	17.88	18.40	0.52	3489.12
MW - 7		08/04/08	3507.08	-	17.90	18.49	0.59	3489.09
MW - 7		08/11/08	3507.08	-	17.75	18.41	0.66	3489.23
MW - 7		08/14/08	3507.08	-	17.99	18.43	0.44	3489.02
MW - 7		08/18/08	3507.08	-	17.96	18.38	0.42	3489.06
MW - 7		08/28/08	3507.08	-	17.91	18.30	0.39	3489.11
MW - 7		09/17/08	3507.08	-	17.65	18.01	0.36	3489.38
MW - 7		09/29/08	3507.08	-	17.61	17.96	0.35	3489.42
MW - 7		10/06/08	3507.08	-	17.62	17.97	0.35	3489.41
MW - 7		10/13/08	3507.08	-	17.69	18.05	0.36	3489.34
MW - 7		10/20/08	3507.08	-	17.60	17.89	0.29	3489.44
MW - 7		10/29/08	3507.08	-	17.53	17.75	0.22	3489.52
MW - 7		10/30/08	3507.08	-	17.56	17.76	0.20	3489.49
MW - 7		11/06/08	3507.08	-	17.54	17.76	0.22	3489.51
MW - 7		11/12/08	3507.08	-	17.50	17.71	0.21	3489.55
MW - 7		11/13/08	3507.08	-	17.50	17.71	0.21	3489.55
MW - 7		12/16/08	3507.08	-	17.48	17.70	0.22	3489.57
MW - 7		12/19/08	3507.08	-	17.47	17.71	0.24	3489.57
MW - 7		12/22/08	3507.08	-	17.38	17.67	0.29	3489.66
MW - 7		01/06/09	3507.08	-	17.31	17.73	0.42	3489.71
MW - 7		01/12/09	3507.08	-	17.45	17.89	0.44	3489.56
MW - 7		01/19/09	3507.08	-	15.13	18.35	3.22	3491.47
MW - 7		01/22/09	3507.08	-	17.41	17.58	0.17	3489.64
MW - 7		01/26/09	3507.08	-	17.44	17.68	0.24	3489.60
MW - 7		02/10/09	3507.08	-	17.35	17.61	0.26	3489.69
MW - 7		02/13/09	3507.08	-	17.63	18.06	0.43	3489.39
MW - 7		02/16/09	3507.08	-	17.40	17.98	0.58	3489.59
MW - 7		02/24/09	3507.08	-	17.43	18.00	0.57	3489.56
MW - 7		03/02/09	3507.08	-	17.43	17.56	0.13	3489.63
MW - 7		03/05/09	3507.08	-	17.39	17.69	0.30	3489.65
MW - 7		03/09/09	3507.08	-	19.20	19.23	0.03	3487.88
MW - 7		03/16/09	3507.08	-	17.35	17.64	0.29	3489.69
MW - 7		03/19/09	3507.08	-	17.46	17.59	0.13	3489.60
MW - 7		03/25/09	3507.08	-	17.48	17.61	0.13	3489.58
MW - 7		03/30/09	3507.08	-	17.49	17.59	0.10	3489.58
MW - 7		04/13/09	3507.08	-	17.29	17.65	0.36	3489.74
MW - 7		04/16/09	3507.08	-	17.51	17.54	0.03	3489.57
MW - 7		04/21/09	3507.08	-	17.53	17.56	0.03	3489.55
MW - 7		04/27/09	3507.08	-	17.29	17.59	0.30	3489.75
MW - 7		04/30/09	3507.08	-	17.53	17.57	0.04	3489.54
MW - 7		05/06/09	3507.08	-	17.53	17.58	0.05	3489.54
MW - 7		05/12/09	3507.08	-	17.31	17.40	0.09	3489.76
MW - 7		05/19/09	3507.08	-	17.39	17.76	0.37	3489.63
MW - 7		05/26/09	3507.08	-	17.45	17.88	0.43	3489.57
MW - 7		06/01/09	3507.08	-	17.53	17.84	0.31	3489.50
MW - 7		06/05/09	3507.08	-	17.56	17.84	0.28	3489.48
MW - 7		06/12/09	3507.08	-	17.61	17.86	0.25	3489.43
MW - 7		06/15/09	3507.08	-	17.64	17.91	0.27	3489.40
MW - 7		06/22/09	3507.08	-	17.73	18.08	0.35	3489.30
MW - 7		06/24/09	3507.08	-	17.72	17.91	0.19	3489.33
MW - 7		06/29/09	3507.08	-	17.78	18.02	0.24	3489.26
MW - 7		07/06/09	3507.08	-	17.85	18.21	0.36	3489.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		07/09/09	3507.08	-	17.37	17.74	0.37	3489.65
MW - 7		07/13/09	3507.08	-	17.36	17.75	0.39	3489.66
MW - 7		07/20/09	3507.08	-	17.37	17.74	0.37	3489.65
MW - 7		07/23/09	3507.08	-	17.97	18.24	0.27	3489.07
MW - 7		07/27/09	3507.08	-	17.94	18.26	0.32	3489.09
MW - 7		07/29/09	3507.08	-	17.94	18.35	0.41	3489.08
MW - 7		08/03/09	3507.08	-	17.89	18.08	0.19	3489.16
MW - 7		08/10/09	3507.08	-	17.99	18.30	0.31	3489.04
MW - 7		08/10/09	3507.08	-	17.99	18.30	0.31	3489.04
MW - 7		08/18/09	3507.08	-	18.06	18.40	0.34	3488.97
MW - 7		08/24/09	3507.08	-	18.08	18.42	0.34	3488.95
MW - 7		08/28/09	3507.08	-	17.37	17.74	0.37	3489.65
MW - 7		08/31/09	3507.08	-	18.14	18.44	0.30	3488.90
MW - 7		09/02/09	3507.08	-	18.11	18.30	0.19	3488.94
MW - 7		09/08/09	3507.08	-	18.15	18.39	0.24	3488.89
MW - 7		09/10/09	3507.08	-	18.15	18.40	0.25	3488.89
MW - 7		09/16/09	3507.08	-	18.17	18.50	0.33	3488.86
MW - 7		09/18/09	3507.08	-	18.17	18.59	0.42	3488.85
MW - 7		09/22/09	3507.08	-	18.20	18.51	0.31	3488.83
MW - 7		09/28/09	3507.08	-	17.38	17.72	0.34	3489.65
MW - 7		10/09/09	3507.08	-	18.20	19.02	0.82	3488.76
MW - 7		10/12/09	3507.08	-	17.38	17.72	0.34	3489.65
MW - 7		10/15/09	3507.08	-	18.26	18.53	0.27	3488.78
MW - 7		10/20/09	3507.08	-	18.28	18.56	0.28	3488.76
MW - 7		10/28/09	3507.08	-	18.26	18.51	0.25	3488.78
MW - 7		11/03/09	3507.08	-	18.24	18.36	0.12	3488.82
MW - 7		11/12/09	3507.08	-	18.18	18.45	0.27	3488.86
MW - 7		11/18/09	3507.08	-	18.23	18.42	0.19	3488.82
MW - 7		12/03/09	3507.08	-	18.17	18.42	0.25	3488.87
MW - 7		12/11/09	3507.08	-	18.17	18.41	0.24	3488.87
MW - 7		12/16/09	3507.08	-	18.15	18.40	0.25	3488.89
MW - 7		12/21/09	3507.08	-	18.18	18.44	0.26	3488.86
MW - 7		12/28/09	3507.08	-	18.14	18.33	0.19	3488.91
MW - 7		01/04/10	3507.08	-	18.13	18.42	0.29	3488.91
MW - 7		01/14/10	3507.08	-	18.13	18.45	0.32	3488.90
MW - 7		01/20/10	3507.08	-	18.02	18.44	0.42	3489.00
MW - 7		01/25/10	3507.08	-	18.16	18.31	0.15	3488.90
MW - 7		01/27/10	3507.08	-	18.03	18.16	0.13	3489.03
MW - 7		02/01/10	3507.08	-	18.00	18.17	0.17	3489.05
MW - 7		02/08/10	3507.08	-	17.98	18.15	0.17	3489.07
MW - 7		02/08/10	3507.08	-	sheen	18.52	0.00	3488.56
MW - 7		02/09/10	3507.08	-	18.05	18.20	0.15	3489.01
MW - 7		02/19/10	3507.08	-	17.92	18.26	0.34	3489.11
MW - 7		02/26/10	3507.08	-	17.95	18.12	0.17	3489.10
MW - 7		03/01/10	3507.08	-	18.19	18.30	0.11	3488.87
MW - 7		03/04/10	3507.08	-	17.89	18.01	0.12	3489.17
MW - 7		03/08/10	3507.08	-	17.92	19.97	2.05	3488.85
MW - 7		03/11/10	3507.08	-	17.88	17.94	0.06	3489.19
MW - 7		03/15/10	3507.08	-	17.88	18.03	0.15	3489.18
MW - 7		03/17/10	3507.08	-	17.79	17.89	0.10	3489.28
MW - 7		03/22/10	3507.08	-	17.75	17.83	0.08	3489.32
MW - 7		03/29/10	3507.08	-	17.71	17.96	0.25	3489.33
MW - 7		04/05/10	3507.08	-	17.76	17.89	0.13	3489.30
MW - 7		04/14/10	3507.08	-	17.75	17.86	0.11	3489.31
MW - 7		04/16/10	3507.08	-	17.62	17.76	0.14	3489.44
MW - 7		04/19/10	3507.08	-	17.72	17.83	0.11	3489.34
MW - 7		04/28/10	3507.08	-	17.66	17.77	0.11	3489.40
MW - 7		05/05/10	3507.08	-	17.52	17.66	0.14	3489.54
MW - 7		05/12/10	3507.08	-	17.65	17.99	0.34	3489.38
MW - 7		05/14/10	3507.08	-	17.65	17.99	0.34	3489.38
MW - 7		05/21/10	3507.08	-	17.65	17.97	0.32	3489.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		05/26/10	3507.08	-	17.63	17.96	0.33	3489.40
MW - 7		06/04/10	3507.08	-	17.67	17.97	0.30	3489.37
MW - 7		06/07/10	3507.08	-	17.78	18.15	0.37	3489.24
MW - 7		06/12/10	3507.08	-	17.84	18.27	0.43	3489.18
MW - 7		06/24/10	3507.08	-	17.95	18.35	0.40	3489.07
MW - 7		06/30/10	3507.08	-	18.10	18.45	0.35	3488.93
MW - 7		07/07/10	3507.08	-	17.64	17.96	0.32	3489.39
MW - 7		07/12/10	3507.08	-	17.46	17.80	0.34	3489.57
MW - 7		07/19/10	3507.08	-	17.37	17.74	0.37	3489.65
MW - 7		07/26/10	3507.08	-	-	-	-	-
MW - 7		08/03/10	3507.08	-	17.35	17.36	0.01	3489.73
MW - 7		08/11/10	3507.08	-	17.43	17.62	0.19	3489.62
MW - 7		08/19/10	3507.08	-	17.39	17.61	0.22	3489.66
MW - 7		08/25/10	3507.08	-	17.41	17.72	0.31	3489.62
MW - 7		09/01/10	3507.08	-	17.42	17.83	0.41	3489.60
MW - 7		09/09/10	3507.08	-	17.48	17.98	0.50	3489.53
MW - 7		09/13/10	3507.08	-	17.45	17.60	0.15	3489.61
MW - 7		09/29/10	3507.08	-	17.59	17.97	0.38	3489.43
MW - 7		10/05/10	3507.08	-	17.43	17.61	0.18	3489.62
MW - 7		10/20/10	3507.08	-	17.47	17.63	0.16	3489.59
MW - 7		10/25/10	3507.08	-	17.46	17.61	0.15	3489.60
MW - 7		11/03/10	3507.08	-	17.52	17.80	0.28	3489.52
MW - 7		11/10/10	3507.08	-	17.64	18.06	0.42	3489.38
MW - 7		11/12/10	3507.08	-	17.64	18.06	0.42	3489.38
MW - 7		12/09/10	3507.08	-	17.41	17.66	0.25	3489.63
MW - 7		01/18/11	3507.08	-	17.66	18.06	0.40	3489.36
MW - 7		02/16/11	3507.08	-	17.65	18.10	0.45	3489.36
MW - 7		03/01/11	3507.08	-	17.50	18.00	0.50	3489.51
MW - 7		03/07/11	3507.08	-	17.48	18.31	0.83	3489.48
MW - 7		03/22/11	3507.08	-	17.61	18.11	0.50	3489.40
MW - 7		04/27/11	3507.08	-	17.41	18.31	0.90	3489.54
MW - 7		05/05/11	3507.08	-	17.62	18.13	0.51	3489.38
MW - 7		05/10/11	3507.08	-	17.61	18.29	0.68	3489.37
MW - 7		05/17/11	3507.08	-	17.60	18.21	0.61	3489.39
MW - 7		05/19/11	3507.08	-	17.60	18.21	0.61	3489.39
MW - 7		05/24/11	3507.08	-	17.75	18.48	0.73	3489.22
MW - 7		06/07/11	3507.08	-	17.82	18.41	0.59	3489.17
MW - 7		06/08/11	3507.08	-	17.89	18.40	0.51	3489.11
MW - 7		06/14/11	3507.08	-	17.86	18.45	0.59	3489.13
MW - 7		06/23/11	3507.08	-	17.80	18.30	0.50	3489.21
MW - 7		06/28/11	3507.08	-	17.98	18.36	0.38	3489.04
MW - 7		07/06/11	3507.08	-	18.09	18.53	0.44	3488.92
MW - 7		07/14/11	3507.08	-	18.03	18.45	0.42	3488.99
MW - 7		07/20/11	3507.08	-	18.20	18.80	0.60	3488.79
MW - 7		07/27/11	3507.08	-	18.23	18.65	0.42	3488.79
MW - 7		08/03/11	3507.08	-	18.22	18.58	0.36	3488.81
MW - 7		08/10/11	3507.08	-	18.30	18.55	0.25	3488.74
MW - 7		08/18/11	3507.08	-	18.32	18.70	0.38	3488.70
MW - 7		08/25/11	3507.08	-	18.34	18.50	0.16	3488.72
MW - 7		09/07/11	3507.08	-	18.44	18.80	0.36	3488.59
MW - 7		09/14/11	3507.08	-	18.40	18.84	0.44	3488.61
MW - 7		11/14/11	3507.08	-	18.26	18.59	0.33	3488.77
MW - 7		12/01/11	3507.08	-	18.26	18.64	0.38	3488.76
MW - 7		12/08/11	3507.08	-	18.23	18.48	0.25	3488.81
MW - 7		12/14/11	3507.08	-	18.23	18.68	0.45	3488.78
MW - 7		01/12/12	3507.08	-	18.19	18.49	0.30	3488.85
MW - 7		01/19/12	3507.08	-	18.13	18.33	0.20	3488.92
MW - 7		02/03/12	3507.08	-	18.08	18.49	0.41	3488.94
MW - 7		02/29/12	3507.08	-	17.99	18.53	0.54	3489.01
MW - 7		03/14/12	3507.08	-	17.94	18.51	0.57	3489.05
MW - 7		03/19/12	3507.08	-	17.90	18.41	0.51	3489.10

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7		03/29/12	3507.08	-	17.88	18.46	0.58	3489.11
MW - 7		04/05/12	3507.08	-	17.85	18.47	0.62	3489.14
MW - 7		04/18/12	3507.08	-	17.81	18.42	0.61	3489.18
MW - 7		04/27/12	3507.08	-	17.85	18.47	0.62	3489.14
MW - 7		05/02/12	3507.08	-	17.89	18.50	0.61	3489.10
MW - 7		05/31/12	3507.08	-	17.89	18.65	0.76	3489.08
MW - 7		06/08/12	3507.08	-	17.95	18.83	0.88	3489.00
MW - 7		06/12/12	3507.08	-	17.99	18.78	0.79	3488.97
MW - 7		06/21/12	3507.08	-	17.94	18.46	0.52	3489.06
MW - 7		06/29/12	3507.08	-	18.02	18.55	0.53	3488.98
MW - 7		07/13/12	3507.08	-	18.21	18.69	0.48	3488.80
MW - 7		12/06/12	3507.08	-	18.21	18.91	0.70	3488.77
MW - 7		12/11/12	3507.08	-	18.21	18.94	0.73	3488.76
MW - 7		12/18/12	3507.08	-	18.19	18.83	0.64	3488.79
MW - 7		01/09/13	3507.08	-	18.17	18.81	0.64	3488.81
MW - 7		01/15/13	3507.08	-	18.16	18.81	0.65	3488.82
MW - 7		01/23/13	3507.08	-	18.15	18.85	0.70	3488.83
MW - 7		01/29/13	3507.08	-	18.13	18.74	0.61	3488.86
MW - 7		02/07/13	3507.08	-	18.13	18.89	0.76	3488.84
MW - 7		02/13/13	3507.08	-	18.11	18.60	0.49	3488.90
MW - 7		02/20/13	3507.08	-	18.50	19.19	0.69	3488.48
MW - 7		03/15/13	3507.08	-	18.11	18.63	0.52	3488.89
MW - 7		03/19/13	3507.08	-	18.05	18.83	0.78	3488.91
MW - 7		04/02/13	3507.08	-	18.02	18.61	0.59	3488.97
MW - 7		04/09/13	3507.08	-	18.00	18.54	0.54	3489.00
MW - 7		04/16/13	3507.08	-	17.99	18.51	0.52	3489.01
MW - 7		04/23/13	3507.08	-	18.01	18.46	0.45	3489.00
MW - 7		04/30/13	3507.08	-	17.96	18.84	0.88	3488.99
MW - 7		05/08/13	3507.08	-	17.99	18.45	0.46	3489.02
MW - 7		05/14/13	3507.08	-	17.96	18.29	0.33	3489.07
MW - 7		05/22/13	3507.08	-	17.95	18.33	0.38	3489.07
MW - 7		05/28/13	3507.08	-	17.96	18.38	0.42	3489.06
MW - 7		06/04/13	3507.08	-	17.98	18.37	0.39	3489.04
MW - 7		06/11/13	3507.08	-	18.07	18.43	0.36	3488.96
MW - 7		06/19/13	3507.08	-	18.16	18.21	0.05	3488.91
MW - 7		06/28/13	3507.08	-	18.23	18.63	0.40	3488.79
MW - 7		07/01/13	3507.08	-	18.30	18.50	0.20	3488.75
MW - 7		07/08/13	3507.08	-	18.39	18.44	0.05	3488.68
MW - 7		07/23/13	3507.08	-	18.45	18.54	0.09	3488.62
MW - 7		07/30/13	3507.08	-	18.32	18.57	0.25	3488.72
MW - 7		08/05/13	3507.08	-	18.38	18.60	0.22	3488.67
MW - 7		08/12/13	3507.08	-	18.34	18.60	0.26	3488.70
MW - 7		08/22/13	3507.08	-	18.43	18.73	0.30	3488.61
MW - 7		08/29/13	3507.08	-	18.49	18.75	0.26	3488.55
MW - 7		09/05/13	3507.08	-	18.53	18.85	0.32	3488.50
MW - 7		09/10/13	3507.08	-	18.59	18.82	0.23	3488.46
MW - 7		09/17/13	3507.08	-	18.62	18.85	0.23	3488.43
MW - 7		09/24/13	3507.08	-	18.62	18.85	0.23	3488.43
MW - 7		10/07/13	3507.08	-	18.69	18.97	0.28	3488.35
MW - 7		11/14/13	-	-	21.87	22.35	0.48	-
MW - 7		11/21/13	-	-	21.83	22.30	0.47	-
MW - 7		12/12/13	-	-	21.76	22.30	0.54	-
MW - 7		12/19/13	-	-	21.73	22.30	0.57	-
MW - 7		01/03/14	-	-	21.70	22.20	0.50	-
MW - 7		01/09/14	-	-	21.71	22.22	0.51	-
MW - 7		01/13/14	-	-	21.72	22.18	0.46	-
MW - 7		01/21/14	-	-	21.69	22.09	0.40	-
MW - 7		01/24/14	-	-	21.72	22.17	0.45	-
MW - 7	John Flores	02/04/14	3511.57	-	21.66	22.11	0.45	3489.84
MW - 7		02/10/14	3511.57	-	21.66	22.20	0.54	3489.83
MW - 7	David F.	02/27/14	3511.57	-	21.59	22.10	0.51	3489.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	David F.	03/17/14	3511.57	-	21.56	22.07	0.51	3489.93
MW - 7	David F.	03/27/14	3511.57	-	21.51	22.23	0.72	3489.95
MW - 7	David & Jose	04/02/14	3511.57	-	21.53	22.04	0.51	3489.96
MW - 7	Manny & Lira	04/16/14	3511.57	-	21.48	22.27	0.79	3489.97
MW - 7	Manny & Chanc	04/22/14	3511.57	-	21.49	22.05	0.56	3490.00
MW - 7	David & Justin	04/28/14	3511.57	-	21.42	21.89	0.47	3490.08
MW - 7	Manny & Chanc	05/06/14	3511.57	-	21.47	21.91	0.44	3490.03
MW - 7	Manny	05/13/14	3511.57	-	21.53	22.20	0.67	3489.94
MW - 7	Jose & Chance	05/14/14	3511.57	-	21.58	21.76	0.18	3489.96
MW - 7	Manny	05/21/14	3511.57	-	21.54	22.15	0.61	3489.94
MW - 7	Manny & Chanc	06/05/14	3511.57	-	21.62	22.11	0.49	3489.88
MW - 7	Manny	06/11/14	3511.57	-	21.75	22.05	0.30	3489.78
MW - 7	Manny	06/16/14	3511.57	-	21.79	22.22	0.43	3489.72
MW - 7	Manny	06/24/14	3511.57	-	21.90	22.28	0.38	3489.61
MW - 7	Manny	07/01/14	3511.57	-	21.96	22.35	0.39	3489.55
MW - 7	David	07/08/14	3511.57	-	22.08	22.15	0.07	3489.48
MW - 7	Manny	07/15/14	3511.57	-	22.05	22.30	0.25	3489.48
MW - 7	Manny	07/22/14	3511.57	-	22.13	22.85	0.72	3489.33
MW - 7	Manny	07/23/14	3511.57	-	22.13	22.85	0.72	3489.33
MW - 7	Manny	07/31/14	3511.57	-	22.17	22.52	0.35	3489.35
MW - 7	David F.	08/05/14	3511.57	-	22.22	22.35	0.13	3489.33
MW - 7	Manny	08/07/14	3511.57	-	22.22	22.50	0.28	3489.31
MW - 7	Manny	08/15/14	3511.57	-	22.22	22.85	0.63	3489.26
MW - 7	Manny	08/20/14	3511.57	-	22.23	22.44	0.21	3489.31
MW - 7	Manny	08/27/14	3511.57	-	22.26	22.49	0.23	3489.28
MW - 7	Manny	09/24/14	3511.57	-	21.68	21.95	0.27	3489.85
MW - 7	Manny	10/01/14	3511.57	-	21.35	21.47	0.12	3490.20
MW - 7	Manny	10/07/14	3511.57	-	21.19	21.22	0.03	3490.38
MW - 7	Manny	10/14/14	3511.57	-	21.16	21.22	0.06	3490.40
MW - 7	Manny	10/15/14	3511.57	-	21.16	21.22	0.06	3490.40
MW - 7	Manny	10/20/14	3511.57	-	21.12	21.29	0.17	3490.42
MW - 7	Manny	10/24/14	3511.57	-	21.11	21.30	0.19	3490.43
MW - 7	Manny	10/27/14	3511.57	-	21.12	21.19	0.07	3490.44
MW - 7	Manny	11/03/14	3511.57	-	-	-	-	-
MW - 7	Manny	11/11/14	3511.57	-	21.05	21.43	0.38	3490.46
MW - 7	Manny	11/19/14	3511.57	-	21.05	21.43	0.38	3490.46
MW - 7	Manny	12/08/14	3511.57	-	21.06	21.33	0.27	3490.47
MW - 7	Manny	12/15/14	3511.57	-	21.06	21.44	0.38	3490.45
MW - 7	Manny	12/18/14	3511.57	-	21.04	21.22	0.18	3490.50
MW - 7	Manny	12/22/14	3511.57	-	21.04	21.22	0.18	3490.50
MW - 7	Manny	12/29/14	3511.57	-	21.05	21.26	0.21	3490.49
MW - 7	Manny	01/05/15	3511.57	-	21.07	21.23	0.16	3490.48
MW - 7	Manny	01/12/15	3511.57	-	21.09	21.28	0.19	3490.45
MW - 7	Manny	01/19/15	3511.57	-	21.05	21.19	0.14	3490.50
MW - 7	Manny	02/04/15	3511.57	-	21.05	21.21	0.16	3490.50
MW - 7	Manny/Matt	02/09/15	3511.57	-	21.04	21.14	0.10	3490.52
MW - 7	Carlos/Matt	02/19/15	3511.57	-	21.04	21.20	0.16	3490.51
MW - 7	Manny/Art	03/03/15	3511.57	-	21.01	21.17	0.16	3490.54
MW - 7	Manny	03/09/15	3511.57	-	21.04	21.19	0.15	3490.51
MW - 7	Carlos/Matt	03/16/15	3511.57	-	21.02	21.13	0.11	3490.53
MW - 7	Manny	03/20/15	3511.57	-	21.06	21.22	0.16	3490.49
MW - 7	Carlos	03/23/15	3511.57	-	21.01	21.12	0.11	3490.54
MW - 7	Manny/Art	03/30/15	3511.57	-	21.01	21.16	0.15	3490.54
MW - 7	Manny	04/04/15	3511.57	-	21.03	21.15	0.12	3490.52
MW - 7	Manny/Art	04/07/15	3511.57	-	21.01	21.13	0.12	3490.54
MW - 7	Manny/Art	04/14/15	3511.57	-	20.99	21.13	0.14	3490.56
MW - 7	Carlos/Matt	04/20/15	3511.57	-	20.95	21.07	0.12	3490.60
MW - 7	Manny/Art	04/27/15	3511.57	-	20.98	21.10	0.12	3490.57
MW - 7	Carlos	05/07/15	3511.57	-	20.93	21.03	0.10	3490.63
MW - 7	Carlos	05/11/15	3511.57	-	20.94	21.03	0.09	3490.62
MW - 7	Carlos	05/21/15	3511.57	-	20.90	21.00	0.10	3490.66

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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Manny/Art	05/27/15	3511.57	-	20.89	21.02	0.13	3490.66
MW - 7	Carlos	05/28/15	3511.57	-	20.87	21.04	0.17	3490.67
MW - 7	Manny	06/03/15	3511.57	-	20.87	21.06	0.19	3490.67
MW - 7	Manny	06/08/15	3511.57	-	20.88	21.10	0.22	3490.66
MW - 7	Manny	06/15/15	3511.57	-	20.90	21.07	0.17	3490.64
MW - 7	Arthur	06/25/15	3511.57	-	20.85	21.03	0.18	3490.69
MW - 7	Manny/Arthur	06/29/15	3511.57	-	20.86	20.99	0.13	3490.69
MW - 7	Manny	07/08/15	3511.57	-	20.93	21.16	0.23	3490.61
MW - 7	Carlos	07/09/15	3511.57	-	20.93	21.07	0.14	3490.62
MW - 7	Manny	07/14/15	3511.57	-	20.97	21.18	0.21	3490.57
MW - 7	Arthur	07/20/15	3511.57	-	21.04	21.22	0.18	3490.50
MW - 7	Manny	07/28/15	3511.57	-	21.12	21.35	0.23	3490.42
MW - 7	Manny/Arthur	08/03/15	3511.57	-	21.18	21.43	0.25	3490.35
MW - 7	Carlos	08/04/15	3511.57	-	21.21	21.46	0.25	3490.32
MW - 7	Carlos	08/10/15	3511.57	-	21.27	21.43	0.16	3490.28
MW - 7	Carlos	08/17/15	3511.57	-	21.30	21.52	0.22	3490.24
MW - 7	Carlos	08/25/15	3511.57	-	21.33	21.54	0.21	3490.21
MW - 7	Arthur/Carlos	08/31/15	3511.57	-	21.36	21.58	0.22	3490.18
MW - 7	Carlos	09/08/15	3511.57	-	21.35	21.66	0.31	3490.17
MW - 7	Carlos	09/15/15	3511.57	-	21.37	21.69	0.32	3490.15
MW - 7	Manny	09/24/15	3511.57	-	21.47	21.59	0.12	3490.08
MW - 7	Manny	09/28/15	3511.57	-	21.43	21.60	0.17	3490.11
MW - 7	Manny	10/06/15	3511.57	-	21.44	21.63	0.19	3490.10
MW - 7	Carlos	10/12/15	3511.57	-	21.38	21.51	0.13	3490.17
MW - 7	Manny	10/26/15	3511.57	-	21.22	21.37	0.15	3490.33
MW - 7	Manny	11/06/15	3511.57	-	21.12	21.32	0.20	3490.42
MW - 7	Carlos	11/10/15	3511.57	-	21.10	21.25	0.15	3490.45
MW - 7	Manny	11/18/15	3511.57	-	21.05	21.24	0.19	3490.49
MW - 7	Carlos	12/02/15	3511.57	-	21.04	21.32	0.28	3490.49
MW - 7	Carlos	12/07/15	3511.57	-	20.99	21.24	0.25	3490.54
MW - 7	Carlos	12/14/15	3511.57	-	20.98	21.22	0.24	3490.55
MW - 7	Carlos	01/05/16	3511.57	-	20.93	21.24	0.31	3490.59
MW - 7	Manny	01/08/16	3511.57	-	20.94	21.32	0.38	3490.57
MW - 7	Manny	01/12/16	3511.57	-	20.96	21.27	0.31	3490.56
MW - 7	Carlos	01/18/16	3511.57	-	20.93	21.21	0.28	3490.60
MW - 7	Carlos	01/25/16	3511.57	-	20.93	21.20	0.27	3490.60
MW - 7	Carlos	02/01/16	3511.57	-	20.88	21.17	0.29	3490.65
MW - 7	Carlos	02/08/16	3511.57	-	20.91	21.21	0.30	3490.62
MW - 7	Carlos	02/19/16	3511.57	-	20.85	21.16	0.31	3490.67
MW - 7	Manny	02/23/16	3511.57	-	20.84	21.15	0.31	3490.68
MW - 7	Manny	03/03/16	3511.57	-	20.85	21.20	0.35	3490.67
MW - 7	Carlos	03/07/16	3511.57	-	20.82	21.11	0.29	3490.71
MW - 7	Carlos	03/15/16	3511.57	-	20.81	21.10	0.29	3490.72
MW - 7	Manny	03/21/16	3511.57	-	20.76	21.06	0.30	3490.77
MW - 7	Carlos	03/28/16	3511.57	-	20.78	21.01	0.23	3490.76
MW - 7	Carlos	04/05/16	3511.57	-	20.75	20.97	0.22	3490.79
MW - 7	Manny	04/08/16	3511.57	-	20.79	21.04	0.25	3490.74
MW - 7	Carlos	04/12/16	3511.57	-	20.76	20.99	0.23	3490.78
MW - 7	Carlos	04/18/16	3511.57	-	20.76	20.98	0.22	3490.78
MW - 7	Carlos	04/25/16	3511.57	-	20.70	20.93	0.23	3490.84
MW - 7	Carlos	05/02/16	3511.57	-	20.69	20.94	0.25	3490.84
MW - 7	Carlos	05/23/16	3511.57	-	20.71	20.95	0.24	3490.82
MW - 7	Carlos	06/01/16	3511.57	-	20.77	21.05	0.28	3490.76
MW - 7	Manny	06/06/16	3511.57	-	20.82	21.15	0.33	3490.70
MW - 7	Carlos	06/09/16	3511.57	-	20.82	21.15	0.33	3490.70
MW - 7	Carlos	06/28/16	3511.57	-	21.04	21.49	0.45	3490.46
MW - 7	Manny	07/12/16	3511.57	-	21.21	21.84	0.63	3490.27
MW - 7	Carlos	07/19/16	3511.57	-	21.30	21.70	0.40	3490.21
MW - 7	Carlos	07/27/16	3511.57	-	21.36	21.75	0.39	3490.15
MW - 7	Manny/ Wes	08/03/16	3511.57	-	21.40	21.84	0.44	3490.10
MW - 7	Carlos	08/04/16	3511.57	-	21.43	21.87	0.44	3490.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Carlos	08/08/16	3511.57	-	21.45	21.94	0.49	3490.05
MW - 7	Carlos	08/16/16	3511.57	-	21.49	22.00	0.51	3490.00
MW - 7	Carlos	08/23/16	3511.57	-	21.51	21.98	0.47	3489.99
MW - 7	Manny	08/31/16	3511.57	-	21.34	21.71	0.37	3490.17
MW - 7	Carlos	09/14/16	3511.57	-	20.68	20.96	0.28	3490.85
MW - 7	Carlos	09/22/16	3511.57	-	20.49	20.77	0.28	3491.04
MW - 7	Manny	09/27/16	3511.57	-	20.41	20.71	0.30	3491.12
MW - 7	Wesley	10/07/16	3511.57	-	20.39	20.63	0.24	3491.14
MW - 7	Manny	10/21/16	3511.57	-	20.36	20.58	0.22	3491.18
MW - 7	Manny	10/28/16	3511.57	-	20.38	20.67	0.29	3491.15
MW - 7	Manny	11/04/16	3511.57	-	20.41	20.55	0.14	3491.14
MW - 7	Manny	11/09/16	3511.57	-	20.41	20.65	0.24	3491.12
MW - 7	Wesley	12/06/16	3511.57	-	20.39	20.42	0.03	3491.18
MW - 7	Manny	12/15/16	3511.57	-	20.44	20.66	0.22	3491.10
MW - 7	Manny	12/22/16	3511.57	-	20.46	20.65	0.19	3491.08
MW - 7	Manny	12/29/16	3511.57	-	20.49	20.65	0.16	3491.06
MW - 7	Carlos	01/05/17	3511.57	-	20.39	20.58	0.19	3491.15
MW - 7	Manny	01/11/17	3511.57	-	20.43	20.53	0.10	3491.13
MW - 7	Carlos	01/18/17	3511.57	-	20.45	20.57	0.12	3491.10
MW - 7	Manny	01/26/17	3511.57	-	20.47	20.59	0.12	3491.08
MW - 7	Manny	01/31/17	3511.57	-	20.43	20.52	0.09	3491.13
MW - 7	Carlos	02/10/17	3511.57	-	20.44	20.57	0.13	3491.11
MW - 7	Wesley	02/17/17	3511.57	-	20.40	20.54	0.14	3491.15
MW - 7	Manny	02/24/17	3511.57	-	20.45	20.63	0.18	3491.09
MW - 7	Manny	03/01/17	3511.57	-	20.48	20.60	0.12	3491.07
MW - 7	Carlos	03/09/17	3511.57	-	20.40	20.55	0.15	3491.15
MW - 7	Wesley	03/15/17	3511.57	-	20.40	20.54	0.14	3491.15
MW - 7	Manny	03/22/17	3511.57	-	20.42	20.62	0.20	3491.12
MW - 7	Carlos	03/29/17	3511.57	-	-	-	-	-
MW - 7	Manny	04/07/17	3511.57	-	20.39	20.57	0.18	3491.15
MW - 7	Wesley	04/11/17	3511.57	-	20.39	20.48	0.09	3491.17
MW - 7	Manny	04/20/17	3511.57	-	20.34	20.51	0.17	3491.20
MW - 7	Jeremy	05/02/17	3511.57	-	20.34	20.51	0.17	3491.20
MW - 7	Manny	05/12/17	3511.57	-	20.37	20.51	0.14	3491.18
MW - 7	Jeremy	05/16/17	3511.57	-	20.39	20.51	0.12	3491.16
MW - 7	Manny	05/24/17	3511.57	-	20.44	20.58	0.14	3491.11
MW - 7	Manny	06/02/17	3511.57	-	20.51	20.71	0.20	3491.03
MW - 7	Jeremy	06/05/17	3511.57	-	20.53	20.70	0.17	3491.01
MW - 7	Manny	06/15/17	3511.57	-	20.67	20.85	0.18	3490.87
MW - 7	Jeremy	06/28/17	3511.57	-	20.79	20.98	0.19	3490.75
MW - 7	Jeremy	07/05/17	3511.57	-	20.88	21.15	0.27	3490.65
MW - 7	Jeremy	07/11/17	3511.57	-	20.82	21.02	0.20	3490.72
MW - 7	Jeremy	07/17/17	3511.57	-	20.96	21.19	0.23	3490.58
MW - 7	Jeremy	07/20/17	3511.57	-	21.00	21.19	0.19	3490.54
MW - 7	Manny	08/11/17	3511.57	-	20.97	21.13	0.16	3490.58
MW - 7	Jeremy	08/16/17	3511.57	-	20.96	21.18	0.22	3490.58
MW - 7	Jeremy	09/05/17	3511.57	-	20.76	20.91	0.15	3490.79
MW - 7	Jeremy	09/13/17	3511.57	-	20.75	20.93	0.18	3490.79
MW - 7	Jeremy	09/19/17	3511.57	-	20.76	20.95	0.19	3490.78
MW - 7	Jeremy	09/29/17	3511.57	-	20.81	21.04	0.23	3490.73
MW - 7	Jeremy	10/05/17	3511.57	-	20.85	21.09	0.24	3490.68
MW - 7	Jeremy	10/12/17	3511.57	-	20.67	20.86	0.19	3490.87
MW - 7	Jeremy	10/20/17	3511.57	-	20.63	20.86	0.23	3490.91
MW - 7	Jeremy	10/24/17	3511.57	-	20.65	20.86	0.21	3490.89
MW - 7	Jeremy	11/02/17	3511.57	-	20.59	20.79	0.20	3490.95
MW - 7	Manny/ Jeremy	11/14/17	3511.57	-	20.57	20.80	0.23	3490.97
MW - 7	Manny	11/21/17	3511.57	-	20.59	20.84	0.25	3490.94
MW - 7	Jeremy	12/08/17	3511.57	-	20.52	20.64	0.12	3491.03
MW - 7	Manny	12/14/17	3511.57	**27.02**	20.57	20.66	0.09	3490.99
MW - 7	Jeremy	12/20/17	3511.57	-	20.49	20.56	0.07	3491.07
MW - 7	Jeremy	12/28/17	3511.57	-	20.47	20.53	0.06	3491.09

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PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
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NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Jeremy	01/03/18	3511.57	-	20.52	20.58	0.06	3491.04
MW - 7	Jeremy	01/09/18	3511.57	-	20.47	20.56	0.09	3491.09
MW - 7	Jeremy	01/19/18	3511.57	-	20.48	20.56	0.08	3491.08
MW - 7	Jeremy	01/24/18	3511.57	-	20.49	20.58	0.09	3491.07
MW - 7	Manny	02/02/18	3511.57	-	20.48	20.58	0.10	3491.08
MW - 7	Manny	02/08/18	3511.57	-	20.44	20.49	0.05	3491.12
MW - 7	Jeremy	02/12/18	3511.57	-	20.39	20.43	0.04	3491.17
MW - 7	Jeremy	02/22/18	3511.57	-	20.46	20.54	0.08	3491.10
MW - 7	Jeremy	03/02/18	3511.57	-	20.44	20.53	0.09	3491.12
MW - 7	Jeremy	03/07/18	3511.57	-	20.44	20.53	0.09	3491.12
MW - 7	Jeremy	03/15/18	3511.57	-	20.42	20.50	0.08	3491.14
MW - 7	Jeremy	03/19/18	3511.57	-	20.41	20.49	0.08	3491.15
MW - 7	Jeremy	03/29/18	3511.57	-	20.43	20.54	0.11	3491.12
MW - 7	Jeremy	04/02/18	3511.57	-	20.40	20.53	0.13	3491.15
MW - 7	Jeremy	04/11/18	3511.57	-	20.37	20.51	0.14	3491.18
MW - 7	Jeremy	04/16/18	3511.57	-	20.37	20.49	0.12	3491.18
MW - 7	Jeremy	04/25/18	3511.57	-	20.42	20.56	0.14	3491.13
MW - 7	Jeremy	05/01/18	3511.57	-	20.40	20.53	0.13	3491.15
MW - 7	Jeremy	05/08/18	3511.57	-	20.43	20.56	0.13	3491.12
MW - 7		05/22/18	3511.57	-	-	-	-	-
MW - 7	Jeremy	05/31/18	3511.57	-	20.70	20.85	0.15	3490.85
MW - 7	Jeremy	06/06/18	3511.57	-	20.79	20.91	0.12	3490.76
MW - 7	Jeremy	06/13/18	3511.57	-	20.81	20.91	0.10	3490.75
MW - 7	Jeremy	06/18/18	3511.57	-	20.86	21.04	0.18	3490.68
MW - 7	Jeremy	06/25/18	3511.57	-	20.87	20.91	0.04	3490.69
MW - 7	Jeremy	07/02/18	3511.57	-	20.98	20.99	0.01	3490.59
MW - 7	Jeremy	07/11/18	3511.57	-	21.03	21.09	0.06	3490.53
MW - 7	Jeremy	07/19/18	3511.57	-	21.09	21.14	0.05	3490.47
MW - 7	Jeremy	07/27/18	3511.57	-	-	21.18	0.00	3490.39
MW - 7	Jeremy/ Wesley	08/08/18	3511.57	27.02	-	21.28	0.00	3490.29
MW - 7	Jeremy	08/30/18	3511.57	27.02	-	21.37	0.00	3490.20
MW - 7	Jeremy	09/12/18	3511.57	-	-	21.35	0.00	3490.22
MW - 7	Jeremy	09/20/18	3511.57	27.02	-	21.26	0.00	3490.31
MW - 7	Jeremy	09/26/18	3511.57	27.02	-	21.26	0.00	3490.31
MW - 7	Jeremy	10/03/18	3511.57	27.02	-	21.26	0.00	3490.31
MW - 7	Jeremy	10/19/18	3511.57	27.02	-	21.25	0.00	3490.32
MW - 7	Jeremy	10/31/18	3511.57	27.02	-	21.13	0.00	3490.44
MW - 7	Jeremy	11/06/18	3511.57	27.02	-	21.11	0.00	3490.46
MW - 7	Jeremy	11/13/18	3511.57	26.98	-	21.12	0.00	3490.45
MW - 7	Jeremy	12/03/18	3511.57	26.98	-	21.04	0.00	3490.53
MW - 7	Manny/Elias	12/19/18	3511.57	-	-	20.93	0.00	3490.64
MW - 7	Jeremy	12/27/18	3511.57	-	-	20.89	0.00	3490.68
MW - 7	Jeremy	01/03/19	3511.57	-	-	24.95	0.00	3486.62
MW - 7	Jeremy	01/09/19	3511.57	-	-	20.89	0.00	3490.68
MW - 7	Jeremy	01/16/19	3511.57	-	20.89	20.99	0.10	3490.67
MW - 7	Jeremy	01/23/19	3511.57	-	20.91	20.99	0.08	3490.65
MW - 7	Jeremy	01/31/19	3511.57	-	-	20.84	0.00	3490.73
MW - 7	Jeremy	02/06/19	3511.57	-	-	20.83	0.00	3490.74
MW - 7	Jeremy	02/13/19	3511.57	27.03	-	20.81	0.00	3490.76
MW - 7	Jeremy	02/21/19	3511.57	-	-	20.80	0.00	3490.77
MW - 7	Jeremy	02/07/19	3511.57	-	-	26.72	0.00	3484.85
MW - 7	Jeremy	02/28/19	3511.57	-	-	20.76	0.00	3490.81
MW - 7	Jeremy	03/06/19	3511.57	-	-	20.74	0.00	3490.83
MW - 7	Elias	03/12/19	3511.57	-	-	20.76	0.00	3490.81
MW - 7	Elias	03/19/19	3511.57	-	-	20.72	0.00	3490.85
MW - 7	Elias	03/28/19	3511.57	-	-	20.78	0.00	3490.79
MW - 7	Elias	04/01/19	3511.57	-	-	20.71	0.00	3490.86
MW - 7	Elias	04/10/19	3511.57	-	-	20.70	0.00	3490.87
MW - 7	Elias	04/17/19	3511.57	-	-	20.67	0.00	3490.90
MW - 7	Elias	04/24/19	3511.57	-	-	21.70	0.00	3489.87
MW - 7	Elias	05/01/19	3511.57	-	-	20.70	0.00	3490.87

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PLAINS MARKETING, L.P.
TNM 97- 17
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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Elias	05/08/19	3511.57	27.02	-	20.68	0.00	3490.89
MW - 7	Elias	05/17/19	3511.57	-	-	20.63	0.00	3490.94
MW - 7	Elias	05/23/19	3511.57	-	-	20.68	0.00	3490.89
MW - 7	Elias	05/31/19	3511.57	-	-	20.80	0.00	3490.77
MW - 7	Elias	06/14/19	3511.57	-	-	20.86	0.00	3490.71
MW - 7	Elias	06/18/19	3511.57	-	-	20.91	0.00	3490.66
MW - 7	Elias	06/28/19	3511.57	-	-	21.06	0.00	3490.51
MW - 7	Elias	07/11/19	3511.57	-	-	21.17	0.00	3490.40
MW - 7	Elias	07/19/19	3511.57	-	-	21.26	0.00	3490.31
MW - 7	Elias	07/26/19	3511.57	-	21.25	21.27	0.02	3490.32
MW - 7	Elias	08/02/19	3511.57	-	21.28	21.30	0.02	3490.29
MW - 7	Elias	08/08/19	3511.57	27.06	-	21.33	0.00	3490.24
MW - 7	Elias	08/16/19	3511.57	-	-	21.40	0.00	3490.17
MW - 7	Elias	08/20/19	3511.57	-	-	21.43	0.00	3490.14
MW - 7	Elias	09/05/19	3511.57	-	-	-	-	-
MW - 7	Elias	09/12/19	3511.57	-	-	-	-	-
MW - 7	Elias	09/17/19	3511.57	-	-	21.56	0.00	3490.01
MW - 7	Elias	09/23/19	3511.57	-	-	-	-	-
MW - 7	Elias	10/08/19	3511.57	-	-	21.44	0.00	3490.13
MW - 7	Elias	10/15/19	3511.57	-	-	21.34	0.00	3490.23
MW - 7	Elias	10/24/19	3511.57	-	-	21.34	0.00	3490.23
MW - 7	Elias	10/31/19	3511.57	-	-	21.29	0.00	3490.28
MW - 7	Elias	11/06/19	3511.57	27.05	-	21.26	0.00	3490.31
MW - 7	Elias	11/13/19	3511.57	27.04	-	21.21	0.00	3490.36
MW - 7	Elias	11/22/19	3511.57	-	-	21.16	0.00	3490.41
MW - 7	Elias	12/02/19	3511.57	-	-	21.09	0.00	3490.48
MW - 7	Elias	12/12/19	3511.57	-	-	21.04	0.00	3490.53
MW - 7	Elias	12/17/19	3511.57	-	-	21.05	0.00	3490.52
MW - 7	Elias	12/26/19	3511.57	-	-	21.01	0.00	3490.56
MW - 7	Elias	01/06/20	3511.57	-	-	21.01	0.00	3490.56
MW - 7	Elias	01/17/20	3511.57	-	-	20.98	0.00	3490.59
MW - 7	Elias	01/23/20	3511.57	-	-	20.95	0.00	3490.62
MW - 7	Elias	01/29/20	3511.57	-	-	21.96	0.00	3489.61
MW - 7	Elias	02/14/20	3511.57	-	-	20.92	0.00	3490.65
MW - 7	Elias	02/21/20	3511.57	-	-	20.92	0.00	3490.65
MW - 7	Elias	02/28/20	3511.57	-	-	20.89	0.00	3490.68
MW - 7	Elias	03/11/20	3511.57	-	-	20.87	0.00	3490.70
MW - 7	Elias	03/05/20	3511.57	26.70	-	20.91	0.00	3490.66
MW - 7	Manny	05/14/20	3511.57	-	20.66	20.67	0.01	3490.91
MW - 7	Manny	05/21/20	3511.57	-	20.70	20.71	0.01	3490.87
MW - 7	Manny	06/18/20	3511.57	-	21.10	21.12	0.02	3490.47
MW - 7	Manny	07/01/20	3511.57	-	21.25	21.30	0.05	3490.31
MW - 7	Manny	07/21/20	3511.57	-	21.36	21.67	0.31	3490.16
MW - 7	Manny	07/27/20	3511.57	-	21.40	21.73	0.33	3490.12
MW - 7	Manny	08/13/20	3511.57	-	21.49	21.80	0.31	3490.03
MW - 7	Manny	09/14/20	3511.57	-	21.60	22.04	0.44	3489.90
MW - 7	Manny	09/30/20	3511.57	-	21.61	22.07	0.46	3489.89
MW - 7	Manny	10/16/20	3511.57	-	21.68	22.12	0.44	3489.82
MW - 7	Manny	11/23/20	3511.57	-	21.70	22.15	0.45	3489.80
MW - 7	Manny	12/10/20	3511.57	-	21.70	22.02	0.32	3489.82
MW - 7	Manny	12/31/20	3511.57	-	21.67	22.10	0.43	3489.84
MW - 7	Manny	01/13/21	3511.57	-	21.64	22.04	0.40	3489.87
MW - 7	Manny	01/22/21	3511.57	-	21.65	22.05	0.40	3489.86
MW - 7	Manny	02/11/21	3511.57	-	21.60	22.02	0.42	3489.91
MW - 7	Manny	03/12/21	3511.57	-	21.53	21.95	0.42	3489.98
MW - 7	Manny	04/21/21	3511.57	-	21.48	21.90	0.42	3490.03
MW - 7	Manny	04/28/21	3511.57	-	21.46	22.11	0.65	3490.01
MW - 7	Manny	05/20/21	3511.57	-	21.35	21.80	0.45	3490.15
MW - 7	Manny	06/11/21	3511.57	-	21.48	22.05	0.57	3490.00
MW - 7	Manny	07/31/21	3511.57	-	21.50	22.58	1.08	3489.91
MW - 7	Manny	08/31/21	3511.57	-	21.80	22.59	0.79	3489.65

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 7	Manny	09/23/21	3511.57	-	21.82	22.22	0.40	3489.69
MW - 7	Manny	10/14/21	3511.57	-	21.84	22.20	0.36	3489.68
MW - 7	Manny	11/22/21	3511.57	-	21.93	22.60	0.67	3489.54
MW - 7	Manny	12/07/21	3511.57	26.49	21.93	22.20	0.27	3489.60
MW - 7	Manny	01/19/22	3511.57	-	21.95	22.32	0.37	3489.56
MW - 7	Manny	02/23/22	3511.57	-	21.80	22.03	0.23	3489.74
MW - 7	Manny	03/15/22	3511.57	26.42	21.76	21.97	0.21	3489.78
MW - 7	Manny	03/30/22	3511.57	-	21.79	21.99	0.20	3489.75
MW - 7	Manny	04/13/22	3511.57	-	21.80	21.90	0.10	3489.76
MW - 7	Manny	04/20/22	3511.57	-	21.77	21.92	0.15	3489.78
MW - 7	Manny	05/11/22	3511.57	26.42	21.84	22.20	0.36	3489.68
MW - 7	Manny	05/31/22	3511.57	-	22.00	23.21	1.21	3489.39
MW - 7	Manny	06/27/22	3511.57	-	22.06	23.04	0.98	3489.36
MW - 7	Manny	07/25/22	3511.57	-	22.20	23.20	1.00	3489.22
MW - 7	Manny	08/16/22	3511.57	26.30	22.30	22.96	0.66	3489.17
MW - 7	Manny	09/08/22	3511.57	-	22.38	22.78	0.40	3489.13
MW - 7	Manny	11/10/22	3511.57	26.80	22.10	22.13	0.03	3489.47
MW - 7	Manny	01/17/23	3511.57	-	-	21.88	0.00	3489.69
MW - 7	Manny	02/08/23	3511.57	-	-	21.90	0.00	3489.67
MW - 7	Manny	02/28/23	3511.57	26.73	-	21.88	0.00	3489.69
MW - 7	Manny	04/13/23	3511.57	-	-	21.70	0.00	3489.87
MW - 7	Manny	05/11/23	3511.57	26.75	-	21.64	0.00	3489.93
MW - 7	Manny	08/17/23	3511.57	26.69	-	22.29	0.00	3489.28
MW - 7	Manny	12/14/23	3511.57	26.70	-	22.96	0.00	3488.61
MW - 7	Manny	02/26/24	3511.57	26.66	-	21.83	0.00	3489.74
MW - 7	Manny	05/01/24	3511.57	26.70	-	21.68	0.00	3489.89
MW - 7	Manny	06/17/24	3511.57	26.66	22.09	22.22	0.13	3489.46
MW - 7	Manny	09/10/24	3511.57	26.66	29.58	30.25	0.67	3481.89
MW - 7	Manny	09/23/24	3511.57	26.63	22.55	23.00	0.45	3488.95
MW - 7	Manny	10/17/24	3511.57	-	-	22.37	0.00	3489.20
MW - 7	Manny	12/09/24	3511.57	26.50	22.39	22.47	0.00	3489.10
MW - 7	Manny	01/15/25	3511.57	-	22.24	22.32	0.08	3489.32
MW - 8		11/11/03	3506.39	-	20.25	20.39	0.14	3486.12
MW - 8		11/18/03	3506.39	-	19.95	20.09	0.14	3486.42
MW - 8		12/10/03	3506.39	-	19.83	20.09	0.26	3486.52
MW - 8		06/20/02	3506.39	-	18.31	18.99	0.68	3487.98
MW - 8		09/26/02	3506.39	-	18.58	19.83	1.25	3487.62
MW - 8		11/12/02	3506.39	-	18.67	19.63	0.96	3487.58
MW - 8		01/07/03	3506.39	-	18.40	19.36	0.96	3487.85
MW - 8		01/27/03	3506.39	-	18.46	18.93	0.47	3487.86
MW - 8		02/26/03	3506.39	-	18.27	19.12	0.85	3487.99
MW - 8		03/11/03	3506.39	-	18.37	18.61	0.24	3487.98
MW - 8		03/19/03	3506.39	-	18.39	18.58	0.19	3487.97
MW - 8		03/25/03	3506.39	-	18.34	18.53	0.19	3488.02
MW - 8		04/16/03	3506.39	-	18.32	18.48	0.16	3488.05
MW - 8		04/23/03	3506.39	-	18.28	18.77	0.49	3488.04
MW - 8		04/29/03	3506.39	-	18.26	18.78	0.52	3488.05
MW - 8		05/14/03	3506.39	-	18.37	19.02	0.65	3487.92
MW - 8		05/20/03	3506.39	-	18.56	19.20	0.64	3487.73
MW - 8		05/27/03	3506.39	-	18.58	19.10	0.52	3487.73
MW - 8		06/04/03	3506.39	-	18.53	18.86	0.33	3487.81
MW - 8		06/26/03	3506.39	-	18.32	18.60	0.28	3488.03
MW - 8		07/07/03	3506.39	-	18.99	19.47	0.48	3487.33
MW - 8		07/30/03	3506.39	-	19.00	19.57	0.57	3487.30
MW - 8		08/06/03	3506.39	-	19.27	19.70	0.43	3487.06
MW - 8		08/21/03	3506.39	-	19.42	19.94	0.52	3486.89
MW - 8		08/26/03	3506.39	-	19.54	19.94	0.40	3486.79
MW - 8		09/08/03	3506.39	-	19.39	19.81	0.42	3486.94
MW - 8		09/15/03	3506.39	-	19.41	19.80	0.39	3486.92
MW - 8		09/24/03	3506.39	-	19.74	20.19	0.45	3486.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		10/02/03	3506.39	-	19.49	20.19	0.70	3486.80
MW - 8		10/08/03	3506.39	-	19.38	20.04	0.66	3486.91
MW - 8		10/16/03	3506.39	-	19.72	20.42	0.70	3486.57
MW - 8		10/28/03	3506.39	-	19.72	20.50	0.78	3486.55
MW - 8		11/11/03	3506.39	-	19.83	20.50	0.67	3486.46
MW - 8		12/10/03	3506.39	-	19.37	19.99	0.62	3486.93
MW - 8		02/02/04	3506.39	-	19.32	20.67	1.35	3486.87
MW - 8		02/26/04	3506.39	-	19.30	20.35	1.05	3486.93
MW - 8		03/16/04	3506.39	-	19.50	20.56	1.06	3486.73
MW - 8		03/19/04	3506.39	-	19.50	20.46	0.96	3486.75
MW - 8		03/25/04	3506.39	-	19.46	20.50	1.04	3486.77
MW - 8		04/01/04	3506.39	-	19.43	20.37	0.94	3486.82
MW - 8		04/08/04	3506.39	-	19.40	20.44	1.04	3486.83
MW - 8		04/14/04	3506.39	-	18.63	19.76	1.13	3487.59
MW - 8		04/16/04	3506.39	-	18.81	19.80	0.99	3487.43
MW - 8		04/22/04	3506.39	-	17.95	19.13	1.18	3488.26
MW - 8		04/29/04	3506.39	-	17.95	19.18	1.23	3488.26
MW - 8		05/11/04	3506.39	-	17.92	19.30	1.38	3488.26
MW - 8		06/08/04	3506.39	-	18.06	19.63	1.57	3488.09
MW - 8		06/17/04	3506.39	-	18.02	19.71	1.69	3488.12
MW - 8		06/22/04	3506.39	-	18.07	19.83	1.76	3488.06
MW - 8		06/29/04	3506.39	-	18.04	19.88	1.84	3488.07
MW - 8		07/06/04	3506.39	-	18.00	19.65	1.65	3488.14
MW - 8		07/13/04	3506.39	-	18.03	19.67	1.64	3488.11
MW - 8		07/20/04	3506.39	-	18.20	19.88	1.68	3487.94
MW - 8		08/04/04	3506.39	-	18.19	19.89	1.70	3487.95
MW - 8		08/10/04	3506.39	-	18.20	19.81	1.61	3487.95
MW - 8		08/16/04	3506.39	-	18.37	19.32	0.95	3487.88
MW - 8		08/23/04	3506.39	-	18.30	19.88	1.58	3487.85
MW - 8		08/25/04	3506.39	-	18.33	19.65	1.32	3487.86
MW - 8		08/26/04	3506.39	-	18.29	19.65	1.36	3487.90
MW - 8		08/31/04	3506.39	-	18.37	19.76	1.39	3487.81
MW - 8		09/13/04	3506.39	-	18.45	19.72	1.27	3487.75
MW - 8		09/20/04	3506.39	-	18.53	19.72	1.19	3487.68
MW - 8		09/30/04	3506.39	-	18.58	19.63	1.05	3487.65
MW - 8		10/04/04	3506.39	-	17.88	19.22	1.34	3488.31
MW - 8		10/11/04	3506.39	-	17.76	19.55	1.79	3488.36
MW - 8		10/18/04	3506.39	-	17.70	19.59	1.89	3488.41
MW - 8		10/26/04	3506.39	-	17.89	19.22	1.33	3488.30
MW - 8		11/02/04	3506.39	-	18.08	18.49	0.41	3488.25
MW - 8		11/08/04	3506.39	-	17.94	18.94	1.00	3488.30
MW - 8		11/15/04	3506.39	-	17.76	18.80	1.04	3488.47
MW - 8		12/01/04	3506.39	-	17.78	18.87	1.09	3488.45
MW - 8		12/03/04	3506.39	-	17.78	18.84	1.06	3488.45
MW - 8		12/14/04	3506.39	-	17.62	18.11	0.49	3488.70
MW - 8		12/21/04	3506.39	-	17.58	18.45	0.87	3488.68
MW - 8		12/29/04	3506.39	-	17.56	18.48	0.92	3488.69
MW - 8		01/11/05	3506.39	-	17.38	18.29	0.91	3488.87
MW - 8		01/14/05	3506.39	-	17.42	18.20	0.78	3488.85
MW - 8		01/18/05	3506.39	-	17.29	18.81	1.52	3488.87
MW - 8		01/21/05	3506.39	-	17.35	18.09	0.74	3488.93
MW - 8		01/25/05	3506.39	-	17.29	18.74	1.45	3488.88
MW - 8		01/28/05	3506.39	-	17.40	18.13	0.73	3488.88
MW - 8		02/02/05	3506.39	-	17.26	18.69	1.43	3488.92
MW - 8		02/05/05	3506.39	-	17.39	18.02	0.63	3488.91
MW - 8		02/08/05	3506.39	-	17.26	18.25	0.99	3488.98
MW - 8		02/15/05	3506.39	-	17.22	18.14	0.92	3489.03
MW - 8		02/18/05	3506.39	-	17.33	18.03	0.70	3488.96
MW - 8		02/22/05	3506.39	-	17.21	17.94	0.73	3489.07
MW - 8		02/25/05	3506.39	-	17.21	17.68	0.47	3489.11
MW - 8		03/01/05	3506.39	-	17.14	17.88	0.74	3489.14

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		03/04/05	3506.39	-	17.18	17.71	0.53	3489.13
MW - 8		03/08/05	3506.39	-	17.12	17.80	0.68	3489.17
MW - 8		03/08/05	3506.39	-	17.12	17.82	0.70	3489.17
MW - 8		03/11/05	3506.39	-	17.20	17.71	0.51	3489.11
MW - 8		03/15/05	3506.39	-	17.12	17.56	0.44	3489.20
MW - 8		03/18/05	3506.39	-	17.10	17.55	0.45	3489.22
MW - 8		03/22/05	3506.39	-	17.10	17.41	0.31	3489.24
MW - 8		03/28/05	3506.39	-	17.02	17.49	0.47	3489.30
MW - 8		04/01/05	3506.39	-	17.05	17.53	0.48	3489.27
MW - 8		04/05/05	3506.39	-	17.00	17.54	0.54	3489.31
MW - 8		04/08/05	3506.39	-	17.03	17.55	0.52	3489.28
MW - 8		04/15/05	3506.39	-	16.90	17.74	0.84	3489.36
MW - 8		05/25/05	3506.39	-	16.73	17.40	0.67	3489.56
MW - 8		05/27/05	3506.39	-	16.88	17.36	0.48	3489.44
MW - 8		05/31/05	3506.39	-	16.69	17.20	0.51	3489.62
MW - 8		06/03/05	3506.39	-	16.65	17.30	0.65	3489.64
MW - 8		06/08/05	3506.39	-	16.66	17.26	0.60	3489.64
MW - 8		06/08/05	3506.39	-	16.66	17.26	0.60	3489.64
MW - 8		06/13/05	3506.39	-	16.64	17.37	0.73	3489.64
MW - 8		06/20/05	3506.39	-	16.67	17.39	0.72	3489.61
MW - 8		06/24/05	3506.39	-	16.65	17.45	0.80	3489.62
MW - 8		06/27/05	3506.39	-	16.70	17.14	0.44	3489.62
MW - 8		07/11/05	3506.39	-	16.79	17.50	0.71	3489.49
MW - 8		07/15/05	3506.39	-	16.86	17.40	0.54	3489.45
MW - 8		07/18/05	3506.39	-	16.86	17.52	0.66	3489.43
MW - 8		07/21/05	3506.39	-	16.95	17.35	0.40	3489.38
MW - 8		07/25/05	3506.39	-	16.96	17.80	0.84	3489.30
MW - 8		08/01/05	3506.39	-	16.99	17.68	0.69	3489.30
MW - 8		08/04/05	3506.39	-	17.10	17.56	0.46	3489.22
MW - 8		08/12/05	3506.39	-	17.52	17.73	0.21	3488.84
MW - 8		08/15/05	3506.39	-	16.97	18.00	1.03	3489.27
MW - 8		08/23/05	3506.39	-	16.80	17.49	0.69	3489.49
MW - 8		08/30/05	3506.39	-	16.78	17.48	0.70	3489.51
MW - 8		09/06/05	3506.39	-	16.70	17.78	1.08	3489.53
MW - 8		09/13/05	3506.39	-	16.78	17.90	1.12	3489.44
MW - 8		09/15/05	3506.39	-	16.81	17.42	0.61	3489.49
MW - 8		09/19/05	3506.39	-	16.77	17.50	0.73	3489.51
MW - 8		09/27/05	3506.39	-	16.71	17.96	1.25	3489.49
MW - 8		10/03/05	3506.39	-	16.90	17.43	0.53	3489.41
MW - 8		10/08/05	3506.39	-	16.69	17.33	0.64	3489.60
MW - 8		10/10/05	3506.39	-	16.80	17.70	0.90	3489.46
MW - 8		10/17/05	3506.39	-	16.61	17.75	1.14	3489.61
MW - 8		10/24/05	3506.39	-	16.69	17.36	0.67	3489.60
MW - 8		10/31/05	3506.39	-	16.68	17.50	0.82	3489.59
MW - 8		11/15/05	3506.39	-	16.72	17.51	0.79	3489.55
MW - 8		11/22/05	3506.39	-	16.67	17.22	0.55	3489.64
MW - 8		11/27/05	3506.39	-	16.72	17.19	0.47	3489.60
MW - 8		12/07/05	3506.39	-	16.74	16.98	0.24	3489.61
MW - 8		12/12/05	3506.39	-	16.70	17.20	0.50	3489.62
MW - 8		12/16/05	3506.39	-	16.66	17.25	0.59	3489.64
MW - 8		12/22/05	3506.39	-	16.60	17.35	0.75	3489.68
MW - 8		12/27/05	3506.39	-	16.63	17.35	0.72	3489.65
MW - 8		01/03/06	3506.39	-	16.66	17.72	1.06	3489.57
MW - 8		01/09/06	3506.39	-	16.70	17.20	0.50	3489.62
MW - 8		01/16/06	3506.39	-	16.64	17.18	0.54	3489.67
MW - 8		01/23/06	3506.39	-	16.67	17.18	0.51	3489.64
MW - 8		01/30/06	3506.39	-	16.71	17.20	0.49	3489.61
MW - 8		02/06/06	3506.39	-	16.63	17.30	0.67	3489.66
MW - 8		02/14/06	3506.39	-	16.63	17.33	0.70	3489.66
MW - 8		02/21/06	3506.39	-	16.60	17.40	0.80	3489.67
MW - 8		03/01/06	3506.39	-	16.61	17.05	0.44	3489.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		03/06/06	3506.39	-	16.69	17.08	0.39	3489.64
MW - 8		03/16/06	3506.39	-	16.65	17.01	0.36	3489.69
MW - 8		03/17/06	3506.39	-	16.64	17.05	0.41	3489.69
MW - 8		03/21/06	3506.39	-	16.67	17.13	0.46	3489.65
MW - 8		03/28/06	3506.39	-	16.69	17.10	0.41	3489.64
MW - 8		04/03/06	3506.39	-	16.61	16.94	0.33	3489.73
MW - 8		04/10/06	3506.39	-	16.67	16.88	0.21	3489.69
MW - 8		04/17/06	3506.39	-	16.59	16.82	0.23	3489.77
MW - 8		05/01/06	3506.39	-	16.57	16.93	0.36	3489.77
MW - 8		05/08/06	3506.39	-	16.60	17.04	0.44	3489.72
MW - 8		05/15/06	3506.39	-	16.68	17.00	0.32	3489.66
MW - 8		05/30/06	3506.39	-	16.77	17.74	0.97	3489.47
MW - 8		06/05/06	3506.39	-	16.90	17.77	0.87	3489.36
MW - 8		06/12/06	3506.39	-	17.02	17.88	0.86	3489.24
MW - 8		06/15/06	3506.39	-	-	-	-	-
MW - 8		06/19/06	3506.39	-	-	-	-	-
MW - 8		07/03/06	3506.39	-	-	-	-	-
MW - 8		07/10/06	3506.39	-	-	-	-	-
MW - 8		07/17/06	3506.39	-	-	-	-	-
MW - 8		07/26/06	3506.39	-	-	-	-	-
MW - 8		07/31/06	3506.39	-	-	-	-	-
MW - 8		08/07/06	3506.39	-	-	-	-	-
MW - 8		08/17/06	3506.39	-	-	-	-	-
MW - 8		08/21/06	3506.39	-	-	-	-	-
MW - 8		09/06/06	3506.39	-	-	-	-	-
MW - 8		09/11/06	3506.39	-	-	-	-	-
MW - 8		09/18/06	3506.39	-	16.66	18.71	2.05	3489.42
MW - 8		09/25/06	3506.39	-	16.70	17.69	0.99	3489.54
MW - 8		10/09/06	3506.39	-	16.70	18.93	2.23	3489.36
MW - 8		10/17/06	3506.39	-	16.67	18.70	2.03	3489.42
MW - 8		11/30/06	3506.39	-	16.75	18.10	1.35	3489.44
MW - 8		12/18/06	3506.39	-	16.80	18.04	1.24	3489.40
MW - 8		01/02/07	3506.39	-	16.78	17.43	0.65	3489.51
MW - 8		01/11/07	3506.39	-	16.73	17.26	0.53	3489.58
MW - 8		01/18/07	3506.39	-	16.80	17.14	0.34	3489.54
MW - 8		01/22/07	3506.39	-	16.74	17.15	0.41	3489.59
MW - 8		02/12/07	3506.39	-	16.66	17.07	0.41	3489.67
MW - 8		02/19/07	3506.39	-	16.66	17.04	0.38	3489.67
MW - 8		02/27/07	3506.39	-	16.71	17.47	0.76	3489.57
MW - 8		03/05/07	3506.39	-	16.74	17.29	0.55	3489.57
MW - 8		03/12/07	3506.39	-	16.68	17.11	0.43	3489.65
MW - 8		03/19/07	3506.39	-	16.66	17.21	0.55	3489.65
MW - 8		04/02/07	3506.39	-	16.71	17.14	0.43	3489.62
MW - 8		04/09/07	3506.39	-	16.57	16.97	0.40	3489.76
MW - 8		05/01/07	3506.39	-	16.56	16.90	0.34	3489.78
MW - 8		05/12/07	3506.39	-	16.56	16.88	0.32	3489.78
MW - 8		05/17/07	3506.39	-	16.43	16.85	0.42	3489.90
MW - 8		05/21/07	3506.39	-	16.42	16.77	0.35	3489.92
MW - 8		05/22/07	3506.39	-	16.42	16.77	0.35	3489.92
MW - 8		06/01/07	3506.39	-	16.43	16.85	0.42	3489.90
MW - 8		06/06/07	3506.39	-	16.43	16.87	0.44	3489.89
MW - 8		06/11/07	3506.39	-	16.51	16.96	0.45	3489.81
MW - 8		06/19/07	3506.39	-	16.59	17.53	0.94	3489.66
MW - 8		06/25/07	3506.39	-	16.66	17.04	0.38	3489.67
MW - 8		07/03/07	3506.39	-	16.76	17.29	0.53	3489.55
MW - 8		07/18/07	3506.39	-	16.94	17.34	0.40	3489.39
MW - 8		07/23/07	3506.39	-	17.00	17.39	0.39	3489.33
MW - 8		07/31/07	3506.39	-	17.04	17.51	0.47	3489.28
MW - 8		08/14/07	3506.39	-	17.12	17.74	0.62	3489.18
MW - 8		08/15/07	3506.39	-	17.12	17.54	0.42	3489.21
MW - 8		08/25/07	3506.39	-	17.19	17.72	0.53	3489.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		09/05/07	3506.39	-	17.26	17.88	0.62	3489.04
MW - 8		09/10/07	3506.39	-	17.19	17.68	0.49	3489.13
MW - 8		09/17/07	3506.39	-	16.88	17.60	0.72	3489.40
MW - 8		09/24/07	3506.39	-	16.85	17.31	0.46	3489.47
MW - 8		11/05/07	3506.39	-	16.90	17.61	0.71	3489.38
MW - 8		11/06/07	3506.39	-	17.01	17.58	0.57	3489.29
MW - 8		11/12/07	3506.39	-	16.95	17.41	0.46	3489.37
MW - 8		11/19/07	3506.39	-	16.93	17.29	0.36	3489.41
MW - 8		11/30/07	3506.39	-	16.97	17.20	0.23	3489.39
MW - 8		12/03/07	3506.39	-	16.93	17.22	0.29	3489.42
MW - 8		12/14/07	3506.39	-	16.90	17.16	0.26	3489.45
MW - 8		12/17/07	3506.39	-	16.92	17.16	0.24	3489.43
MW - 8		01/09/08	3506.39	-	16.82	17.36	0.54	3489.49
MW - 8		01/16/08	3506.39	-	16.88	17.33	0.45	3489.44
MW - 8		01/21/08	3506.39	-	16.89	17.56	0.67	3489.40
MW - 8		01/30/08	3506.39	-	16.81	17.15	0.34	3489.53
MW - 8		02/08/08	3506.39	-	16.84	17.27	0.43	3489.49
MW - 8		02/12/08	3506.39	-	16.84	17.23	0.39	3489.49
MW - 8		02/14/08	3506.39	-	16.84	17.16	0.32	3489.50
MW - 8		02/20/08	3506.39	-	16.80	17.12	0.32	3489.54
MW - 8		02/28/08	3506.39	-	16.81	17.15	0.34	3489.53
MW - 8		03/05/08	3506.39	-	16.81	17.24	0.43	3489.52
MW - 8		03/13/08	3506.39	-	16.79	17.14	0.35	3489.55
MW - 8		03/19/08	3506.39	-	16.83	17.15	0.32	3489.51
MW - 8		03/24/08	3506.39	-	16.78	17.17	0.39	3489.55
MW - 8		04/02/08	3506.39	-	16.79	17.16	0.37	3489.54
MW - 8		04/07/08	3506.39	-	16.76	17.12	0.36	3489.58
MW - 8		04/14/08	3506.39	-	16.82	17.16	0.34	3489.52
MW - 8		04/23/08	3506.39	-	16.76	17.11	0.35	3489.58
MW - 8		05/07/08	3506.39	-	16.78	17.09	0.31	3489.56
MW - 8		05/13/08	3506.39	-	16.78	17.09	0.31	3489.56
MW - 8		05/14/08	3506.39	-	16.76	17.13	0.37	3489.57
MW - 8		05/19/08	3506.39	-	16.80	17.14	0.34	3489.54
MW - 8		06/09/08	3506.39	-	17.04	17.57	0.53	3489.27
MW - 8		06/16/08	3506.39	-	16.79	17.12	0.33	3489.55
MW - 8		06/23/08	3506.39	-	17.25	17.67	0.42	3489.08
MW - 8		06/30/08	3506.39	-	17.32	17.78	0.46	3489.00
MW - 8		07/14/08	3506.39	-	17.35	17.76	0.41	3488.98
MW - 8		07/22/08	3506.39	-	17.40	17.80	0.40	3488.93
MW - 8		07/29/08	3506.39	-	17.43	17.92	0.49	3488.89
MW - 8		08/04/08	3506.39	-	17.45	18.08	0.63	3488.85
MW - 8		08/11/08	3506.39	-	17.50	18.06	0.56	3488.81
MW - 8		08/14/08	3506.39	-	17.55	18.03	0.48	3488.77
MW - 8		08/18/08	3506.39	-	17.51	17.96	0.45	3488.81
MW - 8		08/28/08	3506.39	-	17.43	17.91	0.48	3488.89
MW - 8		09/02/08	3506.39	-	17.28	17.74	0.46	3489.04
MW - 8		09/17/08	3506.39	-	17.15	18.00	0.85	3489.11
MW - 8		09/29/08	3506.39	-	17.19	17.71	0.52	3489.12
MW - 8		10/06/08	3506.39	-	17.17	17.69	0.52	3489.14
MW - 8		10/13/08	3506.39	-	17.24	17.65	0.41	3489.09
MW - 8		10/20/08	3506.39	-	17.11	17.34	0.23	3489.25
MW - 8		10/29/08	3506.39	-	17.07	17.41	0.34	3489.27
MW - 8		10/30/08	3506.39	-	17.10	17.38	0.28	3489.25
MW - 8		11/06/08	3506.39	-	17.10	17.40	0.30	3489.25
MW - 8		11/12/08	3506.39	-	17.07	17.35	0.28	3489.28
MW - 8		11/13/08	3506.39	-	17.07	17.35	0.28	3489.28
MW - 8		12/16/08	3506.39	-	17.02	17.42	0.40	3489.31
MW - 8		12/19/08	3506.39	-	17.10	17.48	0.38	3489.23
MW - 8		12/22/08	3506.39	-	16.99	17.41	0.42	3489.34
MW - 8		01/06/09	3506.39	-	16.99	17.41	0.42	3489.34
MW - 8		01/12/09	3506.39	-	16.99	17.31	0.32	3489.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		01/19/09	3506.39	-	17.01	17.39	0.38	3489.32
MW - 8		01/22/09	3506.39	-	17.01	17.26	0.25	3489.34
MW - 8		01/26/09	3506.39	-	16.99	17.28	0.29	3489.36
MW - 8		02/10/09	3506.39	-	16.97	17.28	0.31	3489.37
MW - 8		02/13/09	3506.39	-	17.02	17.55	0.53	3489.29
MW - 8		02/16/09	3506.39	-	16.97	17.06	0.09	3489.41
MW - 8		02/24/09	3506.39	-	17.01	17.10	0.09	3489.37
MW - 8		03/02/09	3506.39	-	17.04	17.13	0.09	3489.34
MW - 8		03/05/09	3506.39	-	16.94	17.30	0.36	3489.40
MW - 8		03/09/09	3506.39	-	16.93	17.21	0.28	3489.42
MW - 8		03/16/09	3506.39	-	16.98	17.28	0.30	3489.37
MW - 8		03/19/09	3506.39	-	17.07	17.17	0.10	3489.31
MW - 8		03/25/09	3506.39	-	17.10	17.17	0.07	3489.28
MW - 8		03/30/09	3506.39	-	17.11	17.19	0.08	3489.27
MW - 8		04/13/09	3506.39	-	16.89	17.30	0.41	3489.44
MW - 8		04/16/09	3506.39	-	17.13	17.20	0.07	3489.25
MW - 8		04/21/09	3506.39	-	17.15	17.20	0.05	3489.23
MW - 8		04/27/09	3506.39	-	16.94	17.11	0.17	3489.42
MW - 8		04/30/09	3506.39	-	17.21	17.63	0.42	3489.12
MW - 8		05/06/09	3506.39	-	17.17	17.20	0.03	3489.22
MW - 8		05/12/09	3506.39	-	16.92	17.10	0.18	3489.44
MW - 8		05/19/09	3506.39	-	16.98	17.29	0.31	3489.36
MW - 8		05/26/09	3506.39	-	17.03	17.40	0.37	3489.30
MW - 8		06/01/09	3506.39	-	17.09	17.44	0.35	3489.25
MW - 8		06/05/09	3506.39	-	17.11	17.42	0.31	3489.23
MW - 8		06/12/09	3506.39	-	17.16	17.47	0.31	3489.18
MW - 8		06/15/09	3506.39	-	17.18	17.41	0.23	3489.18
MW - 8		06/22/09	3506.39	-	17.26	17.51	0.25	3489.09
MW - 8		06/24/09	3506.39	-	17.27	17.50	0.23	3489.09
MW - 8		06/29/09	3506.39	-	17.31	17.50	0.19	3489.05
MW - 8		07/06/09	3506.39	-	17.40	17.69	0.29	3488.95
MW - 8		07/09/09	3506.39	-	17.00	17.29	0.29	3489.35
MW - 8		07/13/09	3506.39	-	17.01	17.28	0.27	3489.34
MW - 8		07/20/09	3506.39	-	17.02	17.29	0.27	3489.33
MW - 8		07/23/09	3506.39	-	17.67	17.88	0.21	3488.69
MW - 8		07/27/09	3506.39	-	17.68	17.89	0.21	3488.68
MW - 8		07/29/09	3506.39	-	17.46	17.89	0.43	3488.87
MW - 8		08/03/09	3506.39	-	17.41	17.80	0.39	3488.92
MW - 8		08/10/09	3506.39	-	17.53	18.13	0.60	3488.77
MW - 8		08/10/09	3506.39	-	17.53	18.13	0.60	3488.77
MW - 8		08/18/09	3506.39	-	17.55	18.07	0.52	3488.76
MW - 8		08/24/09	3506.39	-	17.60	18.15	0.55	3488.71
MW - 8		08/28/09	3506.39	-	17.61	18.01	0.40	3488.72
MW - 8		08/31/09	3506.39	-	17.71	17.86	0.15	3488.66
MW - 8		09/02/09	3506.39	-	17.67	17.87	0.20	3488.69
MW - 8		09/08/09	3506.39	-	17.74	18.12	0.38	3488.59
MW - 8		09/10/09	3506.39	-	17.69	18.02	0.33	3488.65
MW - 8		09/16/09	3506.39	-	17.69	18.17	0.48	3488.63
MW - 8		09/18/09	3506.39	-	17.71	18.38	0.67	3488.58
MW - 8		09/22/09	3506.39	-	17.71	18.31	0.60	3488.59
MW - 8		09/28/09	3506.39	-	17.62	18.01	0.39	3488.71
MW - 8		10/09/09	3506.39	-	17.76	18.65	0.89	3488.50
MW - 8		10/12/09	3506.39	-	17.08	17.30	0.22	3489.28
MW - 8		10/15/09	3506.39	-	17.84	18.39	0.55	3488.47
MW - 8		10/20/09	3506.39	-	17.80	18.32	0.52	3488.51
MW - 8		10/28/09	3506.39	-	17.79	18.26	0.47	3488.53
MW - 8		11/03/09	3506.39	-	17.76	18.33	0.57	3488.54
MW - 8		11/12/09	3506.39	-	17.70	18.20	0.50	3488.62
MW - 8		11/18/09	3506.39	-	17.77	18.20	0.43	3488.56
MW - 8		12/11/09	3506.39	-	17.20	18.38	1.18	3489.01
MW - 8		12/16/09	3506.39	-	17.70	18.36	0.66	3488.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		12/21/09	3506.39	-	17.69	18.32	0.63	3488.61
MW - 8		12/28/09	3506.39	-	17.69	18.18	0.49	3488.63
MW - 8		01/04/10	3506.39	-	17.73	18.30	0.57	3488.57
MW - 8		01/14/10	3506.39	-	17.69	18.17	0.48	3488.63
MW - 8		01/20/10	3506.39	-	17.64	18.05	0.41	3488.69
MW - 8		01/25/10	3506.39	-	17.74	18.16	0.42	3488.59
MW - 8		01/27/10	3506.39	-	17.64	18.07	0.43	3488.69
MW - 8		02/01/10	3506.39	-	17.60	17.91	0.31	3488.74
MW - 8		02/08/10	3506.39	-	17.55	17.81	0.26	3488.80
MW - 8		02/08/10	3506.39	-	sheen	18.04	0.00	3488.35
MW - 8		02/09/10	3506.39	-	17.65	17.83	0.18	3488.71
MW - 8		02/19/10	3506.39	-	17.83	17.94	0.11	3488.54
MW - 8		02/26/10	3506.39	-	17.56	17.82	0.26	3488.79
MW - 8		03/01/10	3506.39	-	17.75	18.14	0.39	3488.58
MW - 8		03/04/10	3506.39	-	17.52	17.79	0.27	3488.83
MW - 8		03/08/10	3506.39	-	17.47	17.64	0.17	3488.89
MW - 8		03/11/10	3506.39	-	17.43	17.60	0.17	3488.93
MW - 8		03/15/10	3506.39	-	17.50	17.71	0.21	3488.86
MW - 8		03/17/10	3506.39	-	17.41	17.52	0.11	3488.96
MW - 8		03/22/10	3506.39	-	17.35	17.46	0.11	3489.02
MW - 8		03/29/10	3506.39	-	17.34	17.50	0.16	3489.03
MW - 8		04/05/10	3506.39	-	17.38	17.58	0.20	3488.98
MW - 8		04/14/10	3506.39	-	17.44	17.65	0.21	3488.92
MW - 8		04/16/10	3506.39	-	17.32	17.41	0.09	3489.06
MW - 8		04/19/10	3506.39	-	17.34	17.47	0.13	3489.03
MW - 8		04/28/10	3506.39	-	17.28	17.49	0.21	3489.08
MW - 8		05/05/10	3506.39	-	17.21	17.36	0.15	3489.16
MW - 8		05/12/10	3506.39	-	17.30	17.48	0.18	3489.06
MW - 8		05/14/10	3506.39	-	17.30	17.48	0.18	3489.06
MW - 8		05/21/10	3506.39	-	17.30	17.45	0.15	3489.07
MW - 8		05/26/10	3506.39	-	17.23	17.50	0.27	3489.12
MW - 8		06/04/10	3506.39	-	17.32	17.43	0.11	3489.05
MW - 8		06/07/10	3506.39	-	17.34	17.72	0.38	3488.99
MW - 8		06/12/10	3506.39	-	17.39	17.78	0.39	3488.94
MW - 8		06/24/10	3506.39	-	17.49	17.91	0.42	3488.84
MW - 8		06/30/10	3506.39	-	17.65	17.99	0.34	3488.69
MW - 8		07/07/10	3506.39	-	17.08	17.43	0.35	3489.26
MW - 8		07/12/10	3506.39	-	16.91	17.17	0.26	3489.44
MW - 8		07/19/10	3506.39	-	16.88	17.20	0.32	3489.46
MW - 8		07/26/10	3506.39	-	-	-	-	-
MW - 8		08/03/10	3506.39	-	17.12	17.13	0.01	3489.27
MW - 8		08/11/10	3506.39	-	16.90	17.18	0.28	3489.45
MW - 8		08/19/10	3506.39	-	16.89	17.21	0.32	3489.45
MW - 8		08/25/10	3506.39	-	16.97	17.32	0.35	3489.37
MW - 8		09/01/10	3506.39	-	16.95	17.24	0.29	3489.40
MW - 8		09/09/10	3506.39	-	17.03	17.55	0.52	3489.28
MW - 8		09/13/10	3506.39	-	16.92	17.15	0.23	3489.44
MW - 8		09/29/10	3506.39	-	17.09	17.67	0.58	3489.21
MW - 8		10/05/10	3506.39	-	16.91	17.17	0.26	3489.44
MW - 8		10/20/10	3506.39	-	17.22	17.95	0.73	3489.06
MW - 8		10/25/10	3506.39	-	17.24	17.96	0.72	3489.04
MW - 8		11/03/10	3506.39	-	16.91	17.16	0.25	3489.44
MW - 8		11/10/10	3506.39	-	17.27	17.91	0.64	3489.02
MW - 8		11/12/10	3506.39	-	17.27	17.91	0.64	3489.02
MW - 8		12/09/10	3506.39	-	16.91	17.17	0.26	3489.44
MW - 8		01/18/11	3506.39	-	17.27	17.91	0.64	3489.02
MW - 8		02/16/11	3506.39	-	17.29	17.95	0.66	3489.00
MW - 8		03/01/11	3506.39	-	17.08	17.91	0.83	3489.19
MW - 8		03/07/11	3506.39	-	17.05	17.72	0.67	3489.24
MW - 8		03/22/11	3506.39	-	17.26	17.93	0.67	3489.03
MW - 8		04/27/11	3506.39	-	17.15	17.62	0.47	3489.17

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		05/05/11	3506.39	-	17.22	17.62	0.40	3489.11
MW - 8		05/10/11	3506.39	-	17.31	17.61	0.30	3489.04
MW - 8		05/17/11	3506.39	-	17.20	17.63	0.43	3489.13
MW - 8		05/19/11	3506.39	-	17.20	17.63	0.43	3489.13
MW - 8		05/24/11	3506.39	-	17.34	17.75	0.41	3488.99
MW - 8		06/07/11	3506.39	-	17.43	17.88	0.45	3488.89
MW - 8		06/08/11	3506.39	-	17.45	17.92	0.47	3488.87
MW - 8		06/14/11	3506.39	-	17.70	18.25	0.55	3488.61
MW - 8		06/23/11	3506.39	-	17.81	18.32	0.51	3488.50
MW - 8		06/28/11	3506.39	-	17.56	18.09	0.53	3488.75
MW - 8		07/06/11	3506.39	-	17.66	18.17	0.51	3488.65
MW - 8		07/14/11	3506.39	-	17.49	18.29	0.80	3488.78
MW - 8		07/20/11	3506.39	-	17.75	18.11	0.36	3488.59
MW - 8		07/27/11	3506.39	-	17.78	18.16	0.38	3488.55
MW - 8		08/03/11	3506.39	-	17.80	18.08	0.28	3488.55
MW - 8		08/10/11	3506.39	-	17.82	18.14	0.32	3488.52
MW - 8		08/18/11	3506.39	-	17.84	18.20	0.36	3488.50
MW - 8		08/25/11	3506.39	-	17.88	18.30	0.42	3488.45
MW - 8		09/07/11	3506.39	-	17.91	18.50	0.59	3488.39
MW - 8		09/14/11	3506.39	-	18.09	18.73	0.64	3488.20
MW - 8		11/14/11	3506.39	-	17.86	18.40	0.54	3488.45
MW - 8		12/01/11	3506.39	-	17.83	18.54	0.71	3488.45
MW - 8		12/08/11	3506.39	-	17.80	18.24	0.44	3488.52
MW - 8		12/14/11	3506.39	-	17.92	18.35	0.43	3488.41
MW - 8		01/12/12	3506.39	-	17.78	18.24	0.46	3488.54
MW - 8		01/19/12	3506.39	-	17.71	18.13	0.42	3488.62
MW - 8		02/03/12	3506.39	-	17.68	18.19	0.51	3488.63
MW - 8		02/29/12	3506.39	-	17.58	18.20	0.62	3488.72
MW - 8		03/14/12	3506.39	-	17.54	18.09	0.55	3488.77
MW - 8		03/19/12	3506.39	-	17.53	17.99	0.46	3488.79
MW - 8		03/29/12	3506.39	-	17.48	18.01	0.53	3488.83
MW - 8		04/05/12	3506.39	-	17.46	18.02	0.56	3488.85
MW - 8		04/18/12	3506.39	-	17.43	18.00	0.57	3488.87
MW - 8		04/27/12	3506.39	-	17.46	18.02	0.56	3488.85
MW - 8		05/02/12	3506.39	-	17.58	18.31	0.73	3488.70
MW - 8		05/31/12	3506.39	-	17.49	18.17	0.68	3488.80
MW - 8		06/08/12	3506.39	-	17.52	18.19	0.67	3488.77
MW - 8		06/12/12	3506.39	-	17.55	18.13	0.58	3488.75
MW - 8		06/21/12	3506.39	-	17.49	18.01	0.52	3488.82
MW - 8		06/29/12	3506.39	-	17.58	18.06	0.48	3488.74
MW - 8		07/13/12	3506.39	-	17.78	18.33	0.55	3488.53
MW - 8		12/06/12	3506.39	-	19.85	20.76	0.91	3486.40
MW - 8		12/11/12	3506.39	-	19.85	20.77	0.92	3486.40
MW - 8		12/18/12	3506.39	-	19.83	20.69	0.86	3486.43
MW - 8		01/09/13	3506.39	-	19.80	20.63	0.83	3486.47
MW - 8		01/15/13	3506.39	-	19.79	20.56	0.77	3486.48
MW - 8		01/23/13	3506.39	-	19.80	20.61	0.81	3486.47
MW - 8		01/29/13	3506.39	-	19.77	20.56	0.79	3486.50
MW - 8		02/07/13	3506.39	-	19.74	20.56	0.82	3486.53
MW - 8		02/13/13	3506.39	-	19.75	20.46	0.71	3486.53
MW - 8		02/20/13	3506.39	-	19.64	20.64	1.00	3486.60
MW - 8		03/15/13	3506.39	-	19.73	20.74	1.01	3486.51
MW - 8		03/19/13	3506.39	-	19.72	20.56	0.84	3486.54
MW - 8		04/02/13	3506.39	-	19.70	20.55	0.85	3486.56
MW - 8		04/09/13	3506.39	-	19.66	20.23	0.57	3486.64
MW - 8		04/16/13	3506.39	-	19.65	20.29	0.64	3486.64
MW - 8		04/23/13	3506.39	-	19.66	20.32	0.66	3486.63
MW - 8		04/30/13	3506.39	-	19.65	20.36	0.71	3486.63
MW - 8		05/08/13	3506.39	-	19.63	20.20	0.57	3486.67
MW - 8		05/14/13	3506.39	-	19.61	20.07	0.46	3486.71
MW - 8		05/22/13	3506.39	-	19.59	20.21	0.62	3486.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8		05/28/13	3506.39	-	19.62	20.05	0.43	3486.71
MW - 8		06/04/13	3506.39	-	19.63	20.06	0.43	3486.70
MW - 8		06/11/13	3506.39	-	19.68	20.30	0.62	3486.62
MW - 8		06/19/13	3506.39	-	19.75	20.16	0.41	3486.58
MW - 8		06/28/13	3506.39	-	19.90	20.52	0.62	3486.40
MW - 8		07/01/13	3506.39	-	19.92	20.31	0.39	3486.41
MW - 8		07/08/13	3506.39	-	20.06	20.25	0.19	3486.30
MW - 8		07/23/13	3506.39	-	20.02	20.50	0.48	3486.30
MW - 8		07/30/13	3506.39	-	19.98	20.50	0.52	3486.33
MW - 8		08/05/13	3506.39	-	19.93	20.50	0.57	3486.37
MW - 8		08/12/13	3506.39	-	19.95	20.56	0.61	3486.35
MW - 8		08/22/13	3506.39	-	20.10	20.89	0.79	3486.17
MW - 8		08/29/13	3506.39	-	20.08	20.79	0.71	3486.20
MW - 8		09/05/13	3506.39	-	20.10	20.85	0.75	3486.18
MW - 8		09/10/13	3506.39	-	20.15	20.91	0.76	3486.13
MW - 8		09/17/13	3506.39	-	20.18	20.93	0.75	3486.10
MW - 8		09/24/13	3506.39	-	20.18	20.93	0.75	3486.10
MW - 8		10/07/13	3506.39	-	20.25	20.98	0.73	3486.03
MW - 8		11/14/13	-	-	21.99	22.90	0.91	-
MW - 8		11/21/13	-	-	22.52	22.97	0.45	-
MW - 8		12/12/13	-	-	22.37	22.98	0.61	-
MW - 8		12/19/13	-	-	22.28	23.02	0.74	-
MW - 8		01/03/14	-	-	22.30	22.98	0.68	-
MW - 8		01/09/14	-	-	22.32	23.05	0.73	-
MW - 8		01/13/14	-	-	22.32	23.06	0.74	-
MW - 8		01/21/14	-	-	22.28	23.02	0.74	-
MW - 8		01/24/14	-	-	22.31	23.10	0.79	-
MW - 8	John Flores	02/04/14	3511.82	-	22.25	23.04	0.79	3489.45
MW - 8		02/10/14	3511.82	-	23.11	23.25	0.14	3488.69
MW - 8	David F.	02/27/14	3511.82	-	22.18	23.01	0.83	3489.52
MW - 8	David F.	03/17/14	3511.82	-	22.13	23.01	0.88	3489.56
MW - 8	David F.	03/27/14	3511.82	-	22.13	23.09	0.96	3489.55
MW - 8	David & Jose	04/02/14	3511.82	-	22.13	23.00	0.87	3489.56
MW - 8	Manny & Lira	04/16/14	3511.82	-	22.09	23.10	1.01	3489.58
MW - 8	Manny Chance	04/22/14	3511.82	-	22.08	23.01	0.93	3489.60
MW - 8	David & Justin	04/28/14	3511.82	-	22.09	22.87	0.78	3489.61
MW - 8	Manny & Chanc	05/06/14	3511.82	-	22.05	23.07	1.02	3489.62
MW - 8	Manny	05/13/14	3511.82	-	22.14	23.20	1.06	3489.52
MW - 8	Jose & Chance	05/14/14	3511.82	-	22.14	23.10	0.96	3489.54
MW - 8	Manny	05/21/14	3511.82	-	22.06	23.13	1.07	3489.60
MW - 8	Manny & Chanc	06/05/14	3511.82	-	22.17	23.31	1.14	3489.48
MW - 8	Manny	06/11/14	3511.82	-	22.24	23.31	1.07	3489.42
MW - 8	Manny	06/16/14	3511.82	-	22.31	23.40	1.09	3489.35
MW - 8	Manny	06/24/14	3511.82	-	22.42	23.49	1.07	3489.24
MW - 8	Manny	07/01/14	3511.82	-	22.48	23.65	1.17	3489.16
MW - 8	David	07/08/14	3511.82	-	22.90	23.43	0.53	3488.84
MW - 8	Manny	07/15/14	3511.82	-	22.59	23.78	1.19	3489.05
MW - 8	Manny	07/22/14	3511.82	-	22.65	23.68	1.03	3489.02
MW - 8	Manny	07/23/14	3511.82	-	22.65	23.68	1.03	3489.02
MW - 8	Manny	07/31/14	3511.82	-	22.69	23.65	0.96	3488.99
MW - 8	David	08/05/14	3511.82	-	22.74	23.55	0.81	3488.96
MW - 8	Manny	08/07/14	3511.82	-	22.74	23.69	0.95	3488.94
MW - 8	Manny	08/15/14	3511.82	-	22.78	23.80	1.02	3488.89
MW - 8	Manny	08/20/14	3511.82	-	22.76	23.79	1.03	3488.91
MW - 8	Manny	08/27/14	3511.82	-	22.79	24.91	2.12	3488.71
MW - 8	Manny	09/24/14	3511.82	-	22.13	23.46	1.33	3489.49
MW - 8	Manny	10/01/14	3511.82	-	21.79	22.39	0.60	3489.94
MW - 8	Manny	10/07/14	3511.82	-	21.72	22.11	0.39	3490.04
MW - 8	Manny	10/14/14	3511.82	-	21.69	22.06	0.37	3490.07
MW - 8	Manny	10/20/14	3511.82	-	21.65	22.10	0.45	3490.10
MW - 8	Manny	10/27/14	3511.82	-	21.63	22.10	0.47	3490.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Chance	10/28/14	3511.82	-	-	-	-	-
MW - 8	Manny	11/03/14	3511.82	-	21.66	22.09	0.43	3490.10
MW - 8	Manny	11/11/14	3511.82	-	21.62	22.19	0.57	3490.11
MW - 8	Manny	11/19/14	3511.82	-	21.59	22.55	0.96	3490.09
MW - 8	Manny	12/08/14	3511.82	-	21.61	22.51	0.90	3490.08
MW - 8	Manny	12/15/14	3511.82	-	21.64	22.56	0.92	3490.04
MW - 8	Manny	12/18/14	3511.82	-	21.56	22.25	0.69	3490.16
MW - 8	Manny	12/22/14	3511.82	-	21.56	22.25	0.69	3490.16
MW - 8	Manny	12/29/14	3511.82	-	21.60	22.33	0.73	3490.11
MW - 8	Manny	01/05/15	3511.82	-	21.62	22.36	0.74	3490.09
MW - 8	Manny	01/12/15	3511.82	-	21.63	22.42	0.79	3490.07
MW - 8	Manny	01/19/15	3511.82	-	21.60	22.35	0.75	3490.11
MW - 8	Manny	02/04/15	3511.82	-	21.58	22.39	0.81	3490.12
MW - 8	Manny/Matt	02/09/15	3511.82	-	21.59	22.44	0.85	3490.10
MW - 8	Carlos/Matt	02/19/15	3511.82	-	21.59	22.39	0.80	3490.11
MW - 8	Manny/Art	03/03/15	3511.82	-	21.58	22.23	0.65	3490.14
MW - 8	Manny	03/09/15	3511.82	-	21.59	22.25	0.66	3490.13
MW - 8	Carlos/Matt	03/16/15	3511.82	-	21.59	22.24	0.65	3490.13
MW - 8	Manny	03/20/15	3511.82	-	21.61	22.34	0.73	3490.10
MW - 8	Carlos	03/23/15	3511.82	-	21.55	22.23	0.68	3490.17
MW - 8	Manny/Art	03/30/15	3511.82	-	21.56	22.29	0.73	3490.15
MW - 8	Manny	04/04/15	3511.82	-	21.58	22.33	0.75	3490.13
MW - 8	Manny/Art	04/07/15	3511.82	-	21.56	22.30	0.74	3490.15
MW - 8	Manny/Art	04/14/15	3511.82	-	21.50	22.30	0.80	3490.20
MW - 8	Carlos/Matt	04/20/15	3511.82	-	21.51	22.24	0.73	3490.20
MW - 8	Manny/Art	04/27/15	3511.82	-	21.53	22.28	0.75	3490.18
MW - 8	Carlos	05/07/15	3511.82	-	21.48	22.23	0.75	3490.23
MW - 8	Carlos	05/11/15	3511.82	-	21.50	22.25	0.75	3490.21
MW - 8	Carlos	05/21/15	3511.82	-	21.47	22.10	0.63	3490.26
MW - 8	Manny/Art	05/27/15	3511.82	-	21.44	22.19	0.75	3490.27
MW - 8	Carlos	05/28/15	3511.82	-	21.43	22.10	0.67	3490.29
MW - 8	Manny	06/03/15	3511.82	-	21.43	22.16	0.73	3490.28
MW - 8	Manny	06/08/15	3511.82	-	21.43	22.18	0.75	3490.28
MW - 8	Manny	06/15/15	3511.82	-	21.44	22.20	0.76	3490.27
MW - 8	Arthur	06/25/15	3511.82	-	21.34	22.21	0.87	3490.35
MW - 8	Manny/Arthur	06/29/15	3511.82	-	21.39	22.17	0.78	3490.31
MW - 8	Manny	07/08/15	3511.82	-	21.43	22.26	0.83	3490.27
MW - 8	Carlos	07/09/15	3511.82	-	21.42	22.25	0.83	3490.28
MW - 8	Manny	07/14/15	3511.82	-	21.47	22.35	0.88	3490.22
MW - 8	Arthur	07/20/15	3511.82	-	22.53	23.42	0.89	3489.16
MW - 8	Manny	07/28/15	3511.82	-	21.62	22.53	0.91	3490.06
MW - 8	Manny/Arthur	08/03/15	3511.82	-	21.68	22.58	0.90	3490.01
MW - 8	Carlos	08/04/15	3511.82	-	21.70	22.61	0.91	3489.98
MW - 8	Carlos	08/10/15	3511.82	-	21.75	22.66	0.91	3489.93
MW - 8	Carlos	08/17/15	3511.82	-	21.83	22.28	0.45	3489.92
MW - 8	Carlos	08/25/15	3511.82	-	21.87	22.38	0.51	3489.87
MW - 8	Arthur/Carlos	08/31/15	3511.82	-	21.89	22.44	0.55	3489.85
MW - 8	Carlos	09/08/15	3511.82	-	21.86	22.46	0.60	3489.87
MW - 8	Carlos	09/15/15	3511.82	-	21.86	22.47	0.61	3489.87
MW - 8	Manny	09/24/15	3511.82	-	22.00	22.42	0.42	3489.76
MW - 8	Manny	09/28/15	3511.82	-	21.98	22.45	0.47	3489.77
MW - 8	Manny	10/06/15	3511.82	-	21.99	22.49	0.50	3489.76
MW - 8	Carlos	10/12/15	3511.82	-	21.92	22.43	0.51	3489.82
MW - 8	Manny	10/26/15	3511.82	-	21.79	22.19	0.40	3489.97
MW - 8	Manny	11/06/15	3511.82	-	21.68	22.13	0.45	3490.07
MW - 8	Carlos	11/10/15	3511.82	-	21.64	22.08	0.44	3490.11
MW - 8	Manny	11/18/15	3511.82	-	21.62	22.17	0.55	3490.12
MW - 8	Carlos	12/02/15	3511.82	-	21.60	22.17	0.57	3490.13
MW - 8	Carlos	12/07/15	3511.82	-	21.56	22.13	0.57	3490.17
MW - 8	Carlos	12/14/15	3511.82	-	21.53	22.11	0.58	3490.20
MW - 8	Carlos	01/05/16	3511.82	-	21.48	22.14	0.66	3490.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Manny	01/08/16	3511.82	-	21.50	22.18	0.68	3490.22
MW - 8	Manny	01/12/16	3511.82	-	21.51	22.22	0.71	3490.20
MW - 8	Carlos	01/18/16	3511.82	-	21.53	21.95	0.42	3490.23
MW - 8	Carlos	01/25/16	3511.82	-	21.49	21.95	0.46	3490.26
MW - 8	Carlos	02/01/16	3511.82	-	21.45	21.94	0.49	3490.30
MW - 8	Carlos	02/08/16	3511.82	-	21.48	22.03	0.55	3490.26
MW - 8	Carlos	02/19/16	3511.82	-	21.42	22.03	0.61	3490.31
MW - 8	Manny	02/23/16	3511.82	-	21.39	22.01	0.62	3490.34
MW - 8	Manny	03/03/16	3511.82	-	21.43	22.10	0.67	3490.29
MW - 8	Carlos	03/07/16	3511.82	-	21.37	22.03	0.66	3490.35
MW - 8	Carlos	03/15/16	3511.82	-	21.36	22.04	0.68	3490.36
MW - 8	Manny	03/21/16	3511.82	-	21.35	22.03	0.68	3490.37
MW - 8	Carlos	03/28/16	3511.82	-	21.34	22.04	0.70	3490.38
MW - 8	Carlos	04/05/16	3511.82	-	21.30	22.03	0.73	3490.41
MW - 8	Manny	04/08/16	3511.82	-	21.34	22.10	0.76	3490.37
MW - 8	Carlos	04/12/16	3511.82	-	21.33	22.01	0.68	3490.39
MW - 8	Carlos	04/18/16	3511.82	-	21.36	22.14	0.78	3490.34
MW - 8	Carlos	04/25/16	3511.82	-	21.26	22.01	0.75	3490.45
MW - 8	Carlos	05/02/16	3511.82	-	21.27	22.04	0.77	3490.43
MW - 8	Carlos	05/23/16	3511.82	-	21.24	22.09	0.85	3490.45
MW - 8	Carlos	06/01/16	3511.82	-	21.30	22.23	0.93	3490.38
MW - 8	Manny	06/06/16	3511.82	-	21.33	22.30	0.97	3490.34
MW - 8	Carlos	06/09/16	3511.82	-	21.33	22.30	0.97	3490.34
MW - 8	Carlos	06/28/16	3511.82	-	21.54	22.53	0.99	3490.13
MW - 8	Manny	07/12/16	3511.82	-	21.72	22.73	1.01	3489.95
MW - 8	Carlos	07/19/16	3511.82	-	21.80	22.80	1.00	3489.87
MW - 8	Carlos	07/27/16	3511.82	-	21.90	22.89	0.99	3489.77
MW - 8	Manny/ Wes	08/03/16	3511.82	-	21.92	22.85	0.93	3489.76
MW - 8	Carlos	08/04/16	3511.82	-	21.94	22.87	0.93	3489.74
MW - 8	Carlos	08/08/16	3511.82	-	21.95	22.90	0.95	3489.73
MW - 8	Carlos	08/16/16	3511.82	-	21.99	22.93	0.94	3489.69
MW - 8	Carlos	08/23/16	3511.82	-	22.02	22.95	0.93	3489.66
MW - 8	Manny	08/31/16	3511.82	-	21.79	22.70	0.91	3489.89
MW - 8	Carlos	09/14/16	3511.82	-	21.14	22.08	0.94	3490.54
MW - 8	Carlos	09/22/16	3511.82	-	20.96	21.88	0.92	3490.72
MW - 8	Manny	09/27/16	3511.82	-	20.87	21.78	0.91	3490.81
MW - 8	Wesley	10/07/16	3511.82	-	20.84	21.71	0.87	3490.85
MW - 8	Manny	10/21/16	3511.82	-	20.81	21.91	1.10	3490.85
MW - 8	Manny	10/28/16	3511.82	-	20.82	21.95	1.13	3490.83
MW - 8	Manny	11/04/16	3511.82	-	20.85	22.05	1.20	3490.79
MW - 8	Manny	11/09/16	3511.82	-	20.88	22.10	1.22	3490.76
MW - 8	Wesley	12/06/16	3511.82	-	20.22	22.14	1.92	3491.31
MW - 8	Manny	12/14/16	3511.82	-	20.89	22.19	1.30	3490.74
MW - 8	Manny	12/15/16	3511.82	-	20.94	21.97	1.03	3490.73
MW - 8	Manny	12/22/16	3511.82	-	21.04	21.40	0.36	3490.73
MW - 8	Manny	12/29/16	3511.82	-	21.04	21.49	0.45	3490.71
MW - 8	Carlos	01/05/17	3511.82	-	20.96	21.31	0.35	3490.81
MW - 8	Manny	01/11/17	3511.82	-	20.98	21.37	0.39	3490.78
MW - 8	Carlos	01/18/17	3511.82	-	20.90	21.25	0.35	3490.87
MW - 8	Manny	01/26/17	3511.82	-	21.05	21.23	0.18	3490.74
MW - 8	Manny	01/31/17	3511.82	-	20.99	21.03	0.04	3490.82
MW - 8	Wesley	02/17/17	3511.82	-	20.97	21.02	0.05	3490.84
MW - 8	Manny	02/24/17	3511.82	-	21.04	21.15	0.11	3490.76
MW - 8	Manny	03/01/17	3511.82	-	21.09	21.19	0.10	3490.72
MW - 8	Carlos	03/09/17	3511.82	-	20.98	21.33	0.35	3490.79
MW - 8	Wesley	03/15/17	3511.82	-	20.99	21.05	0.06	3490.82
MW - 8	Manny	03/22/17	3511.82	-	21.01	21.15	0.14	3490.79
MW - 8	Carlos	03/29/17	3511.82	-	-	-	-	-
MW - 8	Manny	04/07/17	3511.82	-	20.99	21.15	0.16	3490.81
MW - 8	Wesley	04/11/17	3511.82	-	20.97	21.01	0.04	3490.84
MW - 8	Manny	04/20/17	3511.82	-	20.96	21.02	0.06	3490.85

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Jeremy	05/02/17	3511.82	-	20.94	21.01	0.07	3490.87
MW - 8	Manny	05/12/17	3511.82	-	20.98	21.02	0.04	3490.83
MW - 8	Jeremy	05/16/17	3511.82	-	20.98	21.13	0.15	3490.82
MW - 8	Manny	05/24/17	3511.82	-	21.01	21.11	0.10	3490.80
MW - 8	Manny	06/02/17	3511.82	-	21.07	21.20	0.13	3490.73
MW - 8	Jeremy	06/05/17	3511.82	-	21.10	21.65	0.55	3490.64
MW - 8	Manny	06/15/17	3511.82	-	21.21	21.32	0.11	3490.59
MW - 8	Jeremy	06/28/17	3511.82	-	21.33	21.57	0.24	3490.45
MW - 8	Jeremy	07/05/17	3511.82	-	21.43	21.60	0.17	3490.36
MW - 8	Jeremy	07/11/17	3511.82	-	21.37	21.60	0.23	3490.42
MW - 8	Jeremy	07/17/17	3511.82	-	21.50	21.69	0.19	3490.29
MW - 8	Jeremy	07/20/17	3511.82	-	21.54	21.74	0.20	3490.25
MW - 8	Manny	08/11/17	3511.82	-	21.60	21.84	0.24	3490.18
MW - 8	Jeremy	08/17/17	3511.82	-	21.48	21.67	0.19	3490.31
MW - 8	Jeremy	09/05/17	3511.82	-	21.32	21.45	0.13	3490.48
MW - 8	Jeremy	09/13/17	3511.82	-	21.32	21.47	0.15	3490.48
MW - 8	Jeremy	09/19/17	3511.82	-	21.31	21.46	0.15	3490.49
MW - 8	Jeremy	09/29/17	3511.82	-	21.36	21.53	0.17	3490.43
MW - 8	Jeremy	10/05/17	3511.82	-	21.39	21.57	0.18	3490.40
MW - 8	Jeremy	10/12/17	3511.82	-	21.22	21.33	0.11	3490.58
MW - 8	Jeremy	10/20/17	3511.82	-	21.20	21.35	0.15	3490.60
MW - 8	Jeremy	10/24/17	3511.82	-	21.22	21.37	0.15	3490.58
MW - 8	Jeremy	11/02/17	3511.82	-	21.18	21.32	0.14	3490.62
MW - 8	Manny/ Jeremy	11/14/17	3511.82	-	21.08	21.31	0.23	3490.71
MW - 8	Manny	11/21/17	3511.82	-	21.19	21.36	0.17	3490.60
MW - 8	Jeremy	12/08/17	3511.82	-	21.11	21.22	0.11	3490.69
MW - 8	Manny	12/14/17	3511.82	28.60	21.13	21.23	0.10	3490.68
MW - 8	Jeremy	12/20/17	3511.82	-	21.08	21.18	0.10	3490.73
MW - 8	Jeremy	12/28/17	3511.82	-	21.08	21.15	0.07	3490.73
MW - 8	Jeremy	01/03/18	3511.82	-	21.10	21.17	0.07	3490.71
MW - 8	Jeremy	01/09/18	3511.82	-	21.06	21.14	0.08	3490.75
MW - 8	Jeremy	01/19/18	3511.82	-	21.03	21.11	0.08	3490.78
MW - 8	Jeremy	01/24/18	3511.82	-	21.09	21.19	0.10	3490.72
MW - 8	Manny	02/02/18	3511.82	-	21.07	21.14	0.07	3490.74
MW - 8	Manny	02/08/18	3511.82	28.49	-	21.09	0.00	3490.73
MW - 8	Jeremy	02/12/18	3511.82	-	-	21.17	0.00	3490.65
MW - 8	Jeremy	02/22/18	3511.82	-	-	21.06	0.00	3490.76
MW - 8	Jeremy	03/02/18	3511.82	-	-	21.05	0.00	3490.77
MW - 8	Jeremy	03/07/18	3511.82	-	-	21.04	0.00	3490.78
MW - 8	Jeremy	03/15/18	3511.82	-	-	21.05	0.00	3490.77
MW - 8	Jeremy	03/19/18	3511.82	-	-	21.09	0.00	3490.73
MW - 8	Jeremy	03/29/18	3511.82	-	-	21.02	0.00	3490.80
MW - 8	Jeremy	04/02/18	3511.82	-	-	20.99	0.00	3490.83
MW - 8	Jeremy	04/11/18	3511.82	-	-	20.98	0.00	3490.84
MW - 8	Jeremy	04/16/18	3511.82	-	-	21.04	0.00	3490.78
MW - 8	Jeremy	04/25/18	3511.82	-	-	21.02	0.00	3490.80
MW - 8	Jeremy	05/01/18	3511.82	-	-	20.99	0.00	3490.83
MW - 8	Jeremy	05/08/18	3511.82	-	-	21.01	0.00	3490.81
MW - 8	Jeremy	05/22/18	3511.82	28.48	-	21.19	0.00	3490.63
MW - 8	Jeremy	05/31/18	3511.82	-	-	21.31	0.00	3490.51
MW - 8	Jeremy	06/06/18	3511.82	-	-	21.38	0.00	3490.44
MW - 8	Jeremy	06/13/18	3511.82	-	-	21.43	0.00	3490.39
MW - 8	Jeremy	06/18/18	3511.82	-	-	21.47	0.00	3490.35
MW - 8	Jeremy	06/25/18	3511.82	-	-	21.53	0.00	3490.29
MW - 8	Jeremy	07/02/18	3511.82	-	-	21.57	0.00	3490.25
MW - 8	Jeremy	07/11/18	3511.82	-	-	21.74	0.00	3490.08
MW - 8	Jeremy	07/19/18	3511.82	-	-	21.68	0.00	3490.14
MW - 8	Jeremy	07/27/18	3511.82	-	-	21.79	0.00	3490.03
MW - 8	Jeremy/ Wesley	08/08/18	3511.82	28.42	-	21.91	0.00	3489.91
MW - 8	Jeremy	08/30/18	3511.82	28.42	-	21.93	0.00	3489.89
MW - 8	Jeremy	09/12/18	3511.82	28.42	-	21.95	0.00	3489.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Jeremy	09/20/18	3511.82	28.42	-	21.84	0.00	3489.98
MW - 8	Jeremy	09/26/18	3511.82	28.42	-	21.94	0.00	3489.88
MW - 8	Jeremy	10/03/18	3511.82	28.42	-	21.80	0.00	3490.02
MW - 8	Jeremy	10/19/18	3511.82	28.42	-	21.82	0.00	3490.00
MW - 8	Jeremy	10/31/18	3511.82	28.42	-	21.69	0.00	3490.13
MW - 8	Jeremy	11/06/18	3511.82	28.42	-	21.69	0.00	3490.13
MW - 8	Jeremy	11/12/18	3511.82	28.44	-	21.65	0.00	3490.17
MW - 8	Jeremy	12/03/18	3511.82	26.98	-	21.63	0.00	3490.19
MW - 8	Jeremy	12/27/18	3511.82	-	-	21.47	0.00	3490.35
MW - 8	Jeremy	01/03/19	3511.82	-	-	21.44	0.00	3490.38
MW - 8	Jeremy	01/09/19	3511.82	-	-	21.44	0.00	3490.38
MW - 8	Jeremy	01/16/19	3511.82	-	21.43	21.44	0.01	3490.39
MW - 8	Jeremy	01/31/19	3511.82	-	-	21.51	0.00	3490.31
MW - 8	Jeremy	02/06/19	3511.82	-	-	21.43	0.00	3490.39
MW - 8	Jeremy	02/13/19	3511.82	28.42	-	21.48	0.00	3490.34
MW - 8	Jeremy	02/21/19	3511.82	-	-	21.53	0.00	3490.29
MW - 8	Jeremy	02/28/19	3511.82	-	-	21.44	0.00	3490.38
MW - 8	Jeremy	03/06/19	3511.82	-	-	21.48	0.00	3490.34
MW - 8	Elias	03/12/19	3511.82	-	-	21.36	0.00	3490.46
MW - 8	Elias	03/19/19	3511.82	-	-	21.38	0.00	3490.44
MW - 8	Elias	03/28/19	3511.82	-	-	21.43	0.00	3490.39
MW - 8	Elias	04/01/19	3511.82	-	-	21.35	0.00	3490.47
MW - 8	Elias	04/10/19	3511.82	-	-	21.33	0.00	3490.49
MW - 8	Elias	04/17/19	3511.82	-	-	21.31	0.00	3490.51
MW - 8	Elias	04/24/19	3511.82	-	-	21.34	0.00	3490.48
MW - 8	Elias	05/01/19	3511.82	-	-	21.30	0.00	3490.52
MW - 8	Elias	05/08/19	3511.82	28.44	-	21.28	0.00	3490.54
MW - 8	Elias	05/17/19	3511.82	-	-	21.24	0.00	3490.58
MW - 8	Elias	06/14/19	3511.82	-	-	21.47	0.00	3490.35
MW - 8	Elias	06/18/19	3511.82	-	-	21.48	0.00	3490.34
MW - 8	Elias	06/28/19	3511.82	-	-	21.62	0.00	3490.20
MW - 8	Elias	07/11/19	3511.82	-	-	21.74	0.00	3490.08
MW - 8	Elias	08/08/19	3511.82	28.36	-	21.96	0.00	3489.86
MW - 8	Elias	08/08/19	3511.82	-	-	-	-	-
MW - 8	Elias	09/12/19	3511.82	-	-	22.07	0.00	3489.75
MW - 8	Elias	09/17/19	3511.82	-	-	22.10	0.00	3489.72
MW - 8	Elias	09/23/19	3511.82	-	-		0.00	3511.82
MW - 8	Elias	10/15/19	3511.82	-	-	21.92	0.00	3489.90
MW - 8	Elias	11/06/19	3511.82	28.40	-	21.87	0.00	3489.95
MW - 8	Elias	11/13/19	3511.82	28.40	-	21.72	0.00	3490.10
MW - 8	Elias	12/17/19	3511.82	-	-	21.68	0.00	3490.14
MW - 8	Elias	01/06/20	3511.82	-	-	21.55	0.00	3490.27
MW - 8	Elias	01/23/20	3511.82	-	-	21.63	0.00	3490.19
MW - 8	Elias	01/29/20	3511.82	-	-	21.53	0.00	3490.29
MW - 8	Elias	02/21/20	3511.82	-	-	21.53	0.00	3490.29
MW - 8	Elias	03/05/20	3511.82	28.91	-	21.52	0.00	3490.30
MW - 8	Manny	05/14/20	3511.82	-	21.25	21.26	0.01	3490.57
MW - 8	Manny	05/21/20	3511.82	-	21.30	21.31	0.01	3490.52
MW - 8	Manny	06/18/20	3511.82	28.38	-	21.66	0.00	3490.16
MW - 8	Manny	07/21/20	3511.82	-	-	22.00	0.00	3489.82
MW - 8	Manny	08/14/20	3511.82	28.40	-	22.12	0.00	3489.70
MW - 8	Manny	09/14/20	3511.82	-	-	22.17	0.00	3489.65
MW - 8	Manny	10/16/20	3511.82	-	22.25	22.33	0.08	3489.56
MW - 8	Manny	12/10/20	3511.82	-	22.29	22.47	0.18	3489.50
MW - 8	Manny	01/13/21	3511.82	-	22.23	22.40	0.17	3489.56
MW - 8	Manny	02/11/21	3511.82	-	22.21	22.35	0.14	3489.59
MW - 8	Manny	04/21/21	3511.82	-	22.11	22.30	0.19	3489.68
MW - 8	Manny	06/11/21	3511.82	-	22.10	22.35	0.25	3489.68
MW - 8	Manny	09/23/21	3511.82	-	22.40	22.64	0.24	3489.38
MW - 8	Manny	10/14/21	3511.82	-	22.45	22.65	0.20	3489.34
MW - 8	Manny	12/07/21	3511.82	-	22.49	22.78	0.29	3489.29

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 8	Manny	03/15/22	3511.82	-	22.38	22.81	0.43	3489.38
MW - 8	Manny	04/20/22	3511.82	-	22.38	22.85	0.47	3489.37
MW - 8	Manny	05/11/22	3511.82	-	22.43	22.80	0.37	3489.33
MW - 8	Manny	08/16/22	3511.82	-	22.83	23.25	0.42	3488.93
MW - 8	Manny	11/08/22	3511.82	-	22.70	23.00	0.30	3489.08
MW - 8	Manny	02/28/23	3511.82	-	22.35	22.72	0.37	3489.41
MW - 8	Manny	05/11/23	3511.82	-	22.20	22.56	0.36	3489.57
MW - 8	Manny	08/16/23	3511.82	-	22.80	23.34	0.54	3488.94
MW - 8	Manny	12/14/23	3511.82	-	22.55	22.89	0.34	3489.22
MW - 8	Manny	02/26/24	3511.82	-	22.40	22.71	0.31	3489.37
MW - 8	Manny	06/17/24	3511.82	-	22.63	23.27	0.64	3489.09
MW - 8	Manny	09/23/24	3511.82	-	23.13	23.92	0.79	3488.57
MW - 8	Manny	12/09/24	3511.82	-	22.99	23.48	0.49	3488.76
MW - 9		06/20/02	3509.36	-	-	21.04	0.00	3488.32
MW - 9		09/26/02	3509.36	-	-	21.44	0.00	3487.92
MW - 9		11/07/02	3509.36	-	-	21.42	0.00	3487.94
MW - 9		11/12/02	3509.36	-	-	21.38	0.00	3487.98
MW - 9		01/07/03	3509.36	-	-	21.12	0.00	3488.24
MW - 9		01/27/03	3509.36	-	-	21.10	0.00	3488.26
MW - 9		02/12/03	3509.36	-	-	21.07	0.00	3488.29
MW - 9		03/11/03	3509.36	-	-	21.02	0.00	3488.34
MW - 9		03/19/03	3509.36	-	-	21.02	0.00	3488.34
MW - 9		04/16/03	3509.36	-	-	20.95	0.00	3488.41
MW - 9		04/29/03	3509.36	-	-	20.97	0.00	3488.39
MW - 9		05/14/03	3509.36	-	-	21.15	0.00	3488.21
MW - 9		05/20/03	3509.36	-	-	21.31	0.00	3488.05
MW - 9		05/27/03	3509.36	-	-	21.31	0.00	3488.05
MW - 9		06/04/03	3509.36	-	-	21.24	0.00	3488.12
MW - 9		07/07/03	3509.36	-	-	21.71	0.00	3487.65
MW - 9		07/30/03	3509.36	-	-	21.76	0.00	3487.60
MW - 9		08/06/03	3509.36	-	-	22.00	0.00	3487.36
MW - 9		08/21/03	3509.36	-	sheen	22.20	0.00	3487.16
MW - 9		08/26/03	3509.36	-	-	22.31	0.00	3487.05
MW - 9		09/08/03	3509.36	-	-	22.68	0.00	3486.68
MW - 9		09/15/03	3509.36	-	-	22.39	0.00	3486.97
MW - 9		09/24/03	3509.36	-	-	22.40	0.00	3486.96
MW - 9		10/02/03	3509.36	-	-	22.25	0.00	3487.11
MW - 9		10/08/03	3509.36	-	-	22.14	0.00	3487.22
MW - 9		10/16/03	3509.36	-	-	22.44	0.00	3486.92
MW - 9		10/28/03	3509.36	-	-	22.51	0.00	3486.85
MW - 9		11/11/03	3509.36	-	-	22.53	0.00	3486.83
MW - 9		11/18/03	3509.36	-	-	22.28	0.00	3487.08
MW - 9		12/10/03	3509.36	-	sheen	22.18	0.00	3487.18
MW - 9		02/02/04	3509.36	-	-	22.76	0.00	3486.60
MW - 9		02/11/04	3509.36	-	-	21.96	0.00	3487.40
MW - 9		02/26/04	3509.36	-	-	22.02	0.00	3487.34
MW - 9		03/16/04	3509.36	-	-	22.23	0.00	3487.13
MW - 9		03/19/04	3509.36	-	-	22.19	0.00	3487.17
MW - 9		03/25/04	3509.36	-	-	22.17	0.00	3487.19
MW - 9		04/01/04	3509.36	-	-	22.13	0.00	3487.23
MW - 9		04/08/04	3509.36	-	-	22.10	0.00	3487.26
MW - 9		04/14/04	3509.36	-	-	21.49	0.00	3487.87
MW - 9		04/16/04	3509.36	-	-	21.56	0.00	3487.80
MW - 9		04/22/04	3509.36	-	-	20.74	0.00	3488.62
MW - 9		04/29/04	3509.36	-	-	20.74	0.00	3488.62
MW - 9		05/11/04	3509.36	-	-	20.80	0.00	3488.56
MW - 9		06/08/04	3509.36	-	-	20.90	0.00	3488.46
MW - 9		06/17/04	3509.36	-	-	20.84	0.00	3488.52
MW - 9		06/22/04	3509.36	-	-	20.87	0.00	3488.49
MW - 9		06/29/04	3509.36	-	-	20.85	0.00	3488.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 9		07/06/04	3509.36	-	-	20.88	0.00	3488.48
MW - 9		07/13/04	3509.36	-	-	20.92	0.00	3488.44
MW - 9		07/20/04	3509.36	-	-	21.08	0.00	3488.28
MW - 9		08/04/04	3509.36	-	-	21.10	0.00	3488.26
MW - 9		08/10/04	3509.36	-	-	21.08	0.00	3488.28
MW - 9		08/16/04	3509.36	-	sheen	21.23	0.00	3488.13
MW - 9		08/23/04	3509.36	-	-	21.12	0.00	3488.24
MW - 9		08/25/04	3509.36	-	-	21.50	0.00	3487.86
MW - 9		08/26/04	3509.36	-	-	21.16	0.00	3488.20
MW - 9		08/31/04	3509.36	-	sheen	21.21	0.00	3488.15
MW - 9		09/13/04	3509.36	-	sheen	21.33	0.00	3488.03
MW - 9		09/20/04	3509.36	-	sheen	21.36	0.00	3488.00
MW - 9		09/20/04	3509.36	-	sheen	21.30	0.00	3488.06
MW - 9		10/04/04	3509.36	-	sheen	20.81	0.00	3488.55
MW - 9		10/11/04	3509.36	-	sheen	20.60	0.00	3488.76
MW - 9		10/18/04	3509.36	-	sheen	20.60	0.00	3488.76
MW - 9		10/26/04	3509.36	-	sheen	20.64	0.00	3488.72
MW - 9		11/02/04	3509.36	-	sheen	20.61	0.00	3488.75
MW - 9		11/08/04	3509.36	-	sheen	20.59	0.00	3488.77
MW - 9		11/15/04	3509.36	-	sheen	20.57	0.00	3488.79
MW - 9		12/01/04	3509.36	-	sheen	20.40	0.00	3488.96
MW - 9		12/03/04	3509.36	-	-	20.40	0.00	3488.96
MW - 9		12/14/04	3509.36	-	sheen	20.33	0.00	3489.03
MW - 9		12/21/04	3509.36	-	sheen	20.70	0.00	3488.66
MW - 9		12/29/04	3509.36	-	sheen	20.25	0.00	3489.11
MW - 9		01/11/05	3509.36	-	sheen	20.14	0.00	3489.22
MW - 9		01/14/05	3509.36	-	sheen	20.10	0.00	3489.26
MW - 9		01/18/05	3509.36	-	sheen	20.12	0.00	3489.24
MW - 9		01/21/05	3509.36	-	sheen	20.10	0.00	3489.26
MW - 9		01/25/05	3509.36	-	sheen	20.07	0.00	3489.29
MW - 9		01/28/05	3509.36	-	sheen	20.03	0.00	3489.33
MW - 9		02/02/05	3509.36	-	sheen	20.03	0.00	3489.33
MW - 9		02/05/05	3509.36	-	sheen	20.00	0.00	3489.36
MW - 9		02/08/05	3509.36	-	sheen	19.99	0.00	3489.37
MW - 9		02/11/05	3509.36	-	sheen	20.02	0.00	3489.34
MW - 9		02/15/05	3509.36	-	sheen	19.95	0.00	3489.41
MW - 9		02/18/05	3509.36	-	sheen	19.94	0.00	3489.42
MW - 9		02/22/05	3509.36	-	sheen	19.91	0.00	3489.45
MW - 9		02/25/05	3509.36	-	sheen	19.92	0.00	3489.44
MW - 9		03/01/05	3509.36	-	sheen	19.86	0.00	3489.50
MW - 9		03/04/05	3509.36	-	sheen	19.85	0.00	3489.51
MW - 9		03/08/05	3509.36	-	sheen	19.84	0.00	3489.52
MW - 9		03/08/05	3509.36	-	sheen	19.84	0.00	3489.52
MW - 9		03/11/05	3509.36	-	sheen	19.87	0.00	3489.49
MW - 9		03/15/05	3509.36	-	sheen	19.79	0.00	3489.57
MW - 9		03/18/05	3509.36	-	sheen	19.80	0.00	3489.56
MW - 9		03/22/05	3509.36	-	sheen	19.80	0.00	3489.56
MW - 9		03/28/05	3509.36	-	sheen	19.65	0.00	3489.71
MW - 9		04/01/05	3509.36	-	sheen	19.66	0.00	3489.70
MW - 9		04/05/05	3509.36	-	sheen	19.63	0.00	3489.73
MW - 9		04/08/05	3509.36	-	sheen	19.63	0.00	3489.73
MW - 9		04/12/05	3509.36	-	sheen	19.61	0.00	3489.75
MW - 9		04/15/05	3509.36	-	sheen	19.59	0.00	3489.77
MW - 9		05/25/05	3509.36	-	sheen	19.41	0.00	3489.95
MW - 9		05/27/05	3509.36	-	sheen	19.40	0.00	3489.96
MW - 9		05/31/05	3509.36	-	sheen	19.38	0.00	3489.98
MW - 9		06/03/05	3509.36	-	sheen	19.35	0.00	3490.01
MW - 9		06/06/05	3509.36	-	sheen	19.34	0.00	3490.02
MW - 9		06/08/05	3509.36	-	-	19.34	0.00	3490.02
MW - 9		06/13/05	3509.36	-	sheen	19.34	0.00	3490.02
MW - 9		06/20/05	3509.36	-	sheen	19.38	0.00	3489.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 9		06/24/05	3509.36	-	sheen	19.38	0.00	3489.98
MW - 9		06/27/05	3509.36	-	sheen	19.43	0.00	3489.93
MW - 9		07/11/05	3509.36	-	sheen	19.57	0.00	3489.79
MW - 9		07/15/05	3509.36	-	sheen	19.63	0.00	3489.73
MW - 9		07/18/05	3509.36	-	sheen	19.66	0.00	3489.70
MW - 9		07/21/05	3509.36	-	sheen	19.66	0.00	3489.70
MW - 9		07/25/05	3509.36	-	sheen	19.74	0.00	3489.62
MW - 9		08/01/05	3509.36	-	sheen	19.79	0.00	3489.57
MW - 9		08/04/05	3509.36	-	sheen	19.80	0.00	3489.56
MW - 9		08/12/05	3509.36	-	sheen	19.88	0.00	3489.48
MW - 9		08/15/05	3509.36	-	sheen	19.82	0.00	3489.54
MW - 9		08/23/05	3509.36	-	sheen	19.61	0.00	3489.75
MW - 9		08/30/05	3509.36	-	sheen	19.58	0.00	3489.78
MW - 9		09/06/05	3509.36	-	sheen	19.54	0.00	3489.82
MW - 9		09/13/05	3509.36	-	sheen	19.55	0.00	3489.81
MW - 9		09/15/05	3509.36	-	-	19.59	0.00	3489.77
MW - 9		09/19/05	3509.36	-	sheen	19.60	0.00	3489.76
MW - 9		09/27/05	3509.36	-	sheen	19.59	0.00	3489.77
MW - 9		10/03/05	3509.36	-	sheen	19.66	0.00	3489.70
MW - 9		10/08/05	3509.36	-	sheen	19.44	0.00	3489.92
MW - 9		10/10/05	3509.36	-	sheen	19.60	0.00	3489.76
MW - 9		10/17/05	3509.36	-	sheen	19.51	0.00	3489.85
MW - 9		10/24/05	3509.36	-	sheen	19.51	0.00	3489.85
MW - 9		10/31/05	3509.36	-	sheen	19.49	0.00	3489.87
MW - 9		11/15/05	3509.36	-	sheen	19.48	0.00	3489.88
MW - 9		11/22/05	3509.36	-	sheen	19.44	0.00	3489.92
MW - 9		11/27/05	3509.36	-	19.41	19.42	0.01	3489.95
MW - 9		12/07/05	3509.36	-	sheen	19.42	0.00	3489.94
MW - 9		12/12/05	3509.36	-	-	19.41	0.00	3489.95
MW - 9		12/16/05	3509.36	-	sheen	19.40	0.00	3489.96
MW - 9		12/22/05	3509.36	-	sheen	19.40	0.00	3489.96
MW - 9		12/27/05	3509.36	-	sheen	19.40	0.00	3489.96
MW - 9		01/03/06	3509.36	-	sheen	19.37	0.00	3489.99
MW - 9		01/09/06	3509.36	-	sheen	19.43	0.00	3489.93
MW - 9		01/16/06	3509.36	-	sheen	19.38	0.00	3489.98
MW - 9		01/23/06	3509.36	-	sheen	19.40	0.00	3489.96
MW - 9		01/30/06	3509.36	-	sheen	19.39	0.00	3489.97
MW - 9		02/06/06	3509.36	-	sheen	19.38	0.00	3489.98
MW - 9		02/14/06	3509.36	-	sheen	19.35	0.00	3490.01
MW - 9		02/21/06	3509.36	-	sheen	19.36	0.00	3490.00
MW - 9		03/01/06	3509.36	-	sheen	19.34	0.00	3490.02
MW - 9		03/06/06	3509.36	-	sheen	19.35	0.00	3490.01
MW - 9		03/15/06	3509.36	-	sheen	19.34	0.00	3490.02
MW - 9		03/16/06	3509.36	-	-	19.34	0.00	3490.02
MW - 9		03/21/06	3509.36	-	sheen	19.35	0.00	3490.01
MW - 9		03/28/06	3509.36	-	sheen	19.35	0.00	3490.01
MW - 9		04/03/06	3509.36	-	sheen	19.29	0.00	3490.07
MW - 9		04/17/06	3509.36	-	sheen	19.19	0.00	3490.17
MW - 9		05/01/06	3509.36	-	sheen	19.27	0.00	3490.09
MW - 9		05/08/06	3509.36	-	sheen	19.28	0.00	3490.08
MW - 9		05/15/06	3509.36	-	sheen	19.37	0.00	3489.99
MW - 9		05/30/06	3509.36	-	sheen	19.58	0.00	3489.78
MW - 9		06/05/06	3509.36	-	sheen	19.68	0.00	3489.68
MW - 9		06/12/06	3509.36	-	sheen	19.78	0.00	3489.58
MW - 9		06/15/06	3509.36	-	-	19.80	0.00	3489.56
MW - 9		06/19/06	3509.36	-	sheen	19.87	0.00	3489.49
MW - 9		09/06/06	3509.36	-	sheen	19.61	0.00	3489.75
MW - 9		09/11/06	3509.36	-	sheen	19.58	0.00	3489.78
MW - 9		09/18/06	3509.36	-	-	19.57	0.00	3489.79
MW - 9		09/29/06	3509.36	-	-	19.59	0.00	3489.77
MW - 9		11/30/06	3509.36	-	-	19.54	0.00	3489.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 9		01/11/07	3509.36	-	sheen	19.47	0.00	3489.89
MW - 9		01/22/07	3509.36	-	sheen	19.44	0.00	3489.92
MW - 9		02/27/07	3509.36	-	-	19.40	0.00	3489.96
MW - 9		05/22/07	3509.36	-	-	19.14	0.00	3490.22
MW - 9		08/15/07	3509.36	-	-	19.90	0.00	3489.46
MW - 9		11/06/07	3509.36	-	-	19.70	0.00	3489.66
MW - 9		02/12/08	3509.36	-	-	19.53	0.00	3489.83
MW - 9		05/13/08	3509.36	-	-	19.47	0.00	3489.89
MW - 9		08/14/08	3509.36	-	-	20.32	0.00	3489.04
MW - 9		11/12/08	3509.36	-	-	19.80	0.00	3489.56
MW - 9		02/10/09	3509.36	-	-	19.64	0.00	3489.72
MW - 9		05/12/09	3509.36	-	-	19.60	0.00	3489.76
MW - 9		08/10/09	3509.36	-	-	20.25	0.00	3489.11
MW - 9		11/18/09	3509.36	-	-	20.48	0.00	3488.88
MW - 9		01/04/10	3509.36	-	-	20.41	0.00	3488.95
MW - 9		02/09/10	3509.36	-	-	20.25	0.00	3489.11
MW - 9		05/12/10	3509.36	-	-	19.84	0.00	3489.52
MW - 9		07/26/10	3509.36	-	-	-	-	-
MW - 9		08/03/10	3509.36	-	-	19.58	0.00	3489.78
MW - 9		08/11/10	3509.36	-	-	19.85	0.00	3489.51
MW - 9		08/19/10	3509.36	-	-	19.62	0.00	3489.74
MW - 9		11/11/10	3509.36	-	-	20.49	0.00	3488.87
MW - 9		02/16/11	3509.36	-	-	20.48	0.00	3488.88
MW - 9		03/01/11	3509.36	-	-	19.83	0.00	3489.53
MW - 9		03/07/11	3509.36	-	-	19.81	0.00	3489.55
MW - 9		04/27/11	3509.36	-	sheen	19.85	0.00	3489.51
MW - 9		05/19/11	3509.36	-	-	20.51	0.00	3488.85
MW - 9		06/08/11	3509.36	-	-	20.10	0.00	3489.26
MW - 9		07/06/11	3509.36	-	-	20.40	0.00	3488.96
MW - 9		08/10/11	3509.36	-	-	20.60	0.00	3488.76
MW - 9		11/14/11	3509.36	-	-	20.59	0.00	3488.77
MW - 9		02/29/12	3509.36	-	-	20.28	0.00	3489.08
MW - 9		05/02/12	3509.36	-	-	20.19	0.00	3489.17
MW - 9		12/06/12	3509.36	-	-	-	-	-
MW - 9		02/04/14	3509.36	P&A	-	-	-	-
MW - 10		06/20/02	3509.92	-	-	21.40	0.00	3488.52
MW - 10		09/26/02	3509.92	-	21.84	21.95	0.11	3488.06
MW - 10		11/07/02	3509.92	-	21.77	21.84	0.07	3488.14
MW - 10		11/12/02	3509.91	-	21.75	21.81	0.06	3488.15
MW - 10		01/07/03	3509.91	-	21.50	21.57	0.07	3488.40
MW - 10		01/27/03	3509.91	-	19.39	19.51	0.12	3490.50
MW - 10		03/11/03	3509.91	-	21.32	21.41	0.09	3488.58
MW - 10		03/18/03	3509.91	-	21.32	21.40	0.08	3488.58
MW - 10		04/16/03	3509.91	-	21.24	21.27	0.03	3488.67
MW - 10		05/14/03	3509.91	-	21.45	21.66	0.21	3488.43
MW - 10		05/20/03	3509.91	-	21.67	21.90	0.23	3488.21
MW - 10		05/27/03	3509.91	-	-	21.86	0.00	3488.05
MW - 10		06/04/03	3509.91	-	20.55	21.62	1.07	3489.20
MW - 10		07/07/03	3509.91	-	-	22.14	0.00	3487.77
MW - 10		07/30/03	3509.91	-	-	21.76	0.00	3488.15
MW - 10		08/06/03	3509.91	-	-	22.41	0.00	3487.50
MW - 10		08/21/03	3509.91	-	sheen	22.60	0.00	3487.31
MW - 10		08/26/03	3509.91	-	-	22.71	0.00	3487.20
MW - 10		09/08/03	3509.91	-	-	22.68	0.00	3487.23
MW - 10		09/15/03	3509.91	-	-	22.63	0.00	3487.28
MW - 10		09/24/03	3509.91	-	-	22.78	0.00	3487.13
MW - 10		10/02/03	3509.91	-	-	22.64	0.00	3487.27
MW - 10		10/08/03	3509.91	-	-	22.53	0.00	3487.38
MW - 10		10/16/03	3509.91	-	-	22.82	0.00	3487.09
MW - 10		10/28/03	3509.91	-	-	22.87	0.00	3487.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		11/11/03	3509.91	-	-	22.94	0.00	3486.97
MW - 10		11/18/03	3509.91	-	-	22.16	0.00	3487.75
MW - 10		12/10/03	3509.91	-	22.58	22.69	0.11	3487.31
MW - 10		02/02/04	3509.91	-	-	22.87	0.00	3487.04
MW - 10		02/11/04	3509.91	-	-	22.28	0.00	3487.63
MW - 10		02/26/04	3509.91	-	22.33	22.37	0.04	3487.57
MW - 10		03/16/04	3509.91	-	22.56	22.61	0.05	3487.34
MW - 10		03/19/04	3509.91	-	22.51	22.59	0.08	3487.39
MW - 10		03/25/04	3509.91	-	22.52	22.58	0.06	3487.38
MW - 10		04/01/04	3509.91	-	-	22.46	0.00	3487.45
MW - 10		04/08/04	3509.91	-	22.04	22.07	0.03	3487.87
MW - 10		04/14/04	3509.91	-	21.85	22.00	0.15	3488.04
MW - 10		04/16/04	3509.91	-	21.95	21.96	0.01	3487.96
MW - 10		04/22/04	3509.91	-	-	21.13	0.00	3488.78
MW - 10		04/29/04	3509.91	-	21.11	21.12	0.01	3488.80
MW - 10		05/11/04	3509.91	-	-	21.17	0.00	3488.74
MW - 10		06/08/04	3509.91	-	21.24	21.25	0.01	3488.67
MW - 10		06/17/04	3509.91	-	21.20	22.22	1.02	3488.56
MW - 10		06/22/04	3509.91	-	21.24	22.18	0.94	3488.53
MW - 10		06/29/04	3509.91	-	21.23	22.10	0.87	3488.55
MW - 10		07/06/04	3509.91	-	21.24	21.26	0.02	3488.67
MW - 10		07/13/04	3509.91	-	21.28	21.29	0.01	3488.63
MW - 10		07/20/04	3509.91	-	21.43	21.44	0.01	3488.48
MW - 10		08/04/04	3509.91	-	21.45	21.46	0.01	3488.46
MW - 10		08/10/04	3509.91	-	21.46	21.47	0.01	3488.45
MW - 10		08/16/04	3509.91	-	21.60	21.80	0.20	3488.28
MW - 10		08/23/04	3509.91	-	21.48	21.58	0.10	3488.42
MW - 10		08/25/04	3509.91	-	21.50	21.55	0.05	3488.40
MW - 10		08/26/04	3509.91	-	21.51	21.64	0.13	3488.38
MW - 10		08/31/04	3509.91	-	21.58	21.78	0.20	3488.30
MW - 10		09/13/04	3509.91	-	21.69	21.96	0.27	3488.18
MW - 10		09/20/04	3509.91	-	21.76	21.95	0.19	3488.12
MW - 10		09/30/04	3509.91	-	21.83	21.91	0.08	3488.07
MW - 10		10/04/04	3509.91	-	21.20	21.22	0.02	3488.71
MW - 10		10/11/04	3509.91	-	sheen	19.99	0.00	3489.92
MW - 10		10/18/04	3509.91	-	sheen	21.02	0.00	3488.89
MW - 10		10/26/04	3509.91	-	sheen	21.09	0.00	3488.82
MW - 10		11/02/04	3509.91	-	sheen	21.00	0.00	3488.91
MW - 10		11/08/04	3509.91	-	sheen	20.97	0.00	3488.94
MW - 10		11/15/04	3509.91	-	21.19	21.25	0.06	3488.71
MW - 10		12/01/04	3509.91	-	sheen	20.91	0.00	3489.00
MW - 10		12/03/04	3509.91	-	-	20.91	0.00	3489.00
MW - 10		12/14/04	3509.91	-	sheen	20.74	0.00	3489.17
MW - 10		12/21/04	3509.91	-	sheen	20.70	0.00	3489.21
MW - 10		12/29/04	3509.91	-	sheen	20.64	0.00	3489.27
MW - 10		01/11/05	3509.91	-	sheen	20.51	0.00	3489.40
MW - 10		01/14/05	3509.91	-	sheen	20.50	0.00	3489.41
MW - 10		01/18/05	3509.91	-	sheen	20.49	0.00	3489.42
MW - 10		01/21/05	3509.91	-	sheen	20.47	0.00	3489.44
MW - 10		01/25/05	3509.91	-	sheen	20.42	0.00	3489.49
MW - 10		01/28/05	3509.91	-	sheen	20.40	0.00	3489.51
MW - 10		02/02/05	3509.91	-	sheen	20.37	0.00	3489.54
MW - 10		02/05/05	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		02/08/05	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		02/11/05	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		02/15/05	3509.91	-	sheen	20.13	0.00	3489.78
MW - 10		02/18/05	3509.91	-	sheen	20.27	0.00	3489.64
MW - 10		02/22/05	3509.91	-	sheen	20.26	0.00	3489.65
MW - 10		02/25/05	3509.91	-	sheen	20.26	0.00	3489.65
MW - 10		03/01/05	3509.91	-	sheen	20.20	0.00	3489.71
MW - 10		03/04/05	3509.91	-	sheen	20.20	0.00	3489.71

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		03/08/05	3509.91	-	sheen	20.19	0.00	3489.72
MW - 10		03/08/05	3509.91	-	sheen	20.19	0.00	3489.72
MW - 10		03/11/05	3509.91	-	sheen	20.24	0.00	3489.67
MW - 10		03/15/05	3509.91	-	sheen	20.30	0.00	3489.61
MW - 10		03/18/05	3509.91	-	sheen	20.13	0.00	3489.78
MW - 10		03/22/05	3509.91	-	sheen	20.10	0.00	3489.81
MW - 10		03/28/05	3509.91	-	sheen	20.00	0.00	3489.91
MW - 10		04/01/05	3509.91	-	sheen	20.03	0.00	3489.88
MW - 10		04/05/05	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		04/08/05	3509.91	-	sheen	19.99	0.00	3489.92
MW - 10		04/12/05	3509.91	-	sheen	19.95	0.00	3489.96
MW - 10		04/15/05	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		05/25/05	3509.91	-	sheen	19.79	0.00	3490.12
MW - 10		05/27/05	3509.91	-	sheen	19.77	0.00	3490.14
MW - 10		05/31/05	3509.91	-	sheen	19.73	0.00	3490.18
MW - 10		06/03/05	3509.91	-	sheen	19.72	0.00	3490.19
MW - 10		06/06/05	3509.91	-	sheen	19.70	0.00	3490.21
MW - 10		06/08/05	3509.91	-	sheen	19.70	0.00	3490.21
MW - 10		06/13/05	3509.91	-	sheen	19.70	0.00	3490.21
MW - 10		06/20/05	3509.91	-	sheen	19.74	0.00	3490.17
MW - 10		06/24/05	3509.91	-	sheen	19.75	0.00	3490.16
MW - 10		06/27/05	3509.91	-	sheen	19.80	0.00	3490.11
MW - 10		07/11/05	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		07/15/05	3509.91	-	sheen	20.02	0.00	3489.89
MW - 10		07/18/05	3509.91	-	sheen	20.06	0.00	3489.85
MW - 10		07/21/05	3509.91	-	sheen	20.06	0.00	3489.85
MW - 10		07/25/05	3509.91	-	sheen	20.15	0.00	3489.76
MW - 10		08/01/05	3509.91	-	sheen	20.18	0.00	3489.73
MW - 10		08/04/05	3509.91	-	sheen	20.20	0.00	3489.71
MW - 10		08/12/05	3509.91	-	sheen	20.29	0.00	3489.62
MW - 10		08/15/05	3509.91	-	20.21	20.22	0.01	3489.70
MW - 10		08/23/05	3509.91	-	sheen	20.00	0.00	3489.91
MW - 10		08/30/05	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		09/06/05	3509.91	-	19.90	19.91	0.01	3490.01
MW - 10		09/13/05	3509.91	-	19.92	19.93	0.01	3489.99
MW - 10		09/15/05	3509.91	-	19.96	19.98	0.02	3489.95
MW - 10		09/19/05	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		09/27/05	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		10/03/05	3509.91	-	sheen	20.06	0.00	3489.85
MW - 10		10/08/05	3509.91	-	19.81	19.82	0.01	3490.10
MW - 10		10/10/05	3509.91	-	sheen	20.02	0.00	3489.89
MW - 10		10/17/05	3509.91	-	sheen	19.90	0.00	3490.01
MW - 10		10/24/05	3509.91	-	sheen	19.90	0.00	3490.01
MW - 10		10/31/05	3509.91	-	sheen	19.86	0.00	3490.05
MW - 10		11/15/05	3509.91	-	19.88	19.89	0.01	3490.03
MW - 10		11/22/05	3509.91	-	19.83	19.84	0.01	3490.08
MW - 10		11/27/05	3509.91	-	19.81	19.82	0.01	3490.10
MW - 10		12/07/05	3509.91	-	19.74	19.75	0.01	3490.17
MW - 10		12/12/05	3509.91	-	19.72	19.80	0.08	3490.18
MW - 10		12/16/05	3509.91	-	19.70	19.76	0.06	3490.20
MW - 10		12/22/05	3509.91	-	19.79	19.82	0.03	3490.12
MW - 10		12/27/05	3509.91	-	19.77	19.78	0.01	3490.14
MW - 10		01/03/06	3509.91	-	19.75	19.76	0.01	3490.16
MW - 10		01/09/06	3509.91	-	19.79	19.80	0.01	3490.12
MW - 10		01/16/06	3509.91	-	19.74	19.75	0.01	3490.17
MW - 10		01/23/06	3509.91	-	19.76	19.77	0.01	3490.15
MW - 10		01/30/06	3509.91	-	19.74	19.75	0.01	3490.17
MW - 10		02/06/06	3509.91	-	19.74	19.75	0.01	3490.17
MW - 10		02/14/06	3509.91	-	19.72	19.73	0.01	3490.19
MW - 10		02/21/06	3509.91	-	sheen	19.73	0.00	3490.18
MW - 10		03/01/06	3509.91	-	sheen	19.70	0.00	3490.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		03/06/06	3509.91	-	19.71	19.72	0.01	3490.20
MW - 10		03/15/06	3509.91	-	sheen	19.71	0.00	3490.20
MW - 10		03/16/06	3509.91	-	19.70	19.71	0.01	3490.21
MW - 10		03/21/06	3509.91	-	sheen	19.72	0.00	3490.19
MW - 10		03/28/06	3509.91	-	sheen	19.73	0.00	3490.18
MW - 10		04/03/06	3509.91	-	sheen	19.65	0.00	3490.26
MW - 10		04/17/06	3509.91	-	sheen	19.62	0.00	3490.29
MW - 10		05/01/06	3509.91	-	sheen	19.64	0.00	3490.27
MW - 10		05/08/06	3509.91	-	sheen	19.66	0.00	3490.25
MW - 10		05/15/06	3509.91	-	sheen	19.75	0.00	3490.16
MW - 10		05/30/06	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		06/05/06	3509.91	-	20.07	20.67	0.60	3489.75
MW - 10		06/15/06	3509.91	-	20.22	20.31	0.09	3489.68
MW - 10		06/19/06	3509.91	-	sheen	20.29	0.00	3489.62
MW - 10		07/03/06	3509.91	-	sheen	20.41	0.00	3489.50
MW - 10		07/10/06	3509.91	-	20.41	20.46	0.05	3489.49
MW - 10		07/17/06	3509.91	-	20.26	20.39	0.13	3489.63
MW - 10		07/26/06	3509.91	-	20.31	20.36	0.05	3489.59
MW - 10		07/31/06	3509.91	-	20.39	20.48	0.09	3489.51
MW - 10		08/07/06	3509.91	-	20.42	20.51	0.09	3489.48
MW - 10		08/17/06	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		08/21/06	3509.91	-	sheen	20.26	0.00	3489.65
MW - 10		09/06/06	3509.91	-	sheen	20.00	0.00	3489.91
MW - 10		09/11/06	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		09/18/06	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		09/25/06	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		09/29/06	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		10/02/06	3509.91	-	sheen	19.95	0.00	3489.96
MW - 10		10/09/06	3509.91	-	sheen	20.00	0.00	3489.91
MW - 10		10/17/06	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		10/23/06	3509.91	-	sheen	19.98	0.00	3489.93
MW - 10		10/30/06	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		11/06/06	3509.91	-	sheen	19.26	0.00	3490.65
MW - 10		11/13/06	3509.91	-	sheen	19.48	0.00	3490.43
MW - 10		11/20/06	3509.91	-	sheen	20.01	0.00	3489.90
MW - 10		11/27/06	3509.91	-	sheen	19.45	0.00	3490.46
MW - 10		11/30/06	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		12/04/06	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		12/12/06	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		12/18/06	3509.91	-	sheen	19.93	0.00	3489.98
MW - 10		01/02/07	3509.91	-	sheen	19.91	0.00	3490.00
MW - 10		01/11/07	3509.91	-	sheen	19.85	0.00	3490.06
MW - 10		01/18/07	3509.91	-	sheen	19.88	0.00	3490.03
MW - 10		01/22/07	3509.91	-	sheen	19.83	0.00	3490.08
MW - 10		02/05/07	3509.91	-	sheen	19.83	0.00	3490.08
MW - 10		02/12/07	3509.91	-	-	19.19	0.00	3490.72
MW - 10		02/19/07	3509.91	-	-	19.75	0.00	3490.16
MW - 10		02/27/07	3509.91	-	sheen	19.79	0.00	3490.12
MW - 10		03/05/07	3509.91	-	sheen	19.80	0.00	3490.11
MW - 10		03/19/07	3509.91	-	-	19.76	0.00	3490.15
MW - 10		04/02/07	3509.91	-	sheen	19.65	0.00	3490.26
MW - 10		04/09/07	3509.91	-	-	19.68	0.00	3490.23
MW - 10		05/22/07	3509.91	-	sheen	19.74	0.00	3490.17
MW - 10		08/15/07	3509.91	-	20.31	20.38	0.07	3489.59
MW - 10		08/25/07	3509.91	-	sheen	20.50	0.00	3489.41
MW - 10		09/24/07	3509.91	-	sheen	20.07	0.00	3489.84
MW - 10		11/05/07	3509.91	-	sheen	20.09	0.00	3489.82
MW - 10		11/06/07	3509.91	-	sheen	20.11	0.00	3489.80
MW - 10		11/30/07	3509.91	-	sheen	20.10	0.00	3489.81
MW - 10		01/09/08	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		01/16/08	3509.91	-	sheen	19.91	0.00	3490.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		01/21/08	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		01/30/08	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		02/08/08	3509.91	-	sheen	19.95	0.00	3489.96
MW - 10		02/12/08	3509.91	-	-	19.93	0.00	3489.98
MW - 10		02/14/08	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		02/28/08	3509.91	-	sheen	19.93	0.00	3489.98
MW - 10		03/05/08	3509.91	-	sheen	19.94	0.00	3489.97
MW - 10		03/13/08	3509.91	-	sheen	19.91	0.00	3490.00
MW - 10		03/19/08	3509.91	-	sheen	19.92	0.00	3489.99
MW - 10		03/24/08	3509.91	-	sheen	19.88	0.00	3490.03
MW - 10		05/07/08	3509.91	-	sheen	19.88	0.00	3490.03
MW - 10		05/13/08	3509.91	-	sheen	19.88	0.00	3490.03
MW - 10		06/30/08	3509.91	-	sheen	20.58	0.00	3489.33
MW - 10		08/14/08	3509.91	-	sheen	20.75	0.00	3489.16
MW - 10		08/18/08	3509.91	-	sheen	20.81	0.00	3489.10
MW - 10		08/28/08	3509.91	-	sheen	20.68	0.00	3489.23
MW - 10		09/17/08	3509.91	-	sheen	20.37	0.00	3489.54
MW - 10		09/29/08	3509.91	-	sheen	20.31	0.00	3489.60
MW - 10		10/06/08	3509.91	-	sheen	20.32	0.00	3489.59
MW - 10		10/13/08	3509.91	-	sheen	20.39	0.00	3489.52
MW - 10		10/20/08	3509.91	-	sheen	20.31	0.00	3489.60
MW - 10		10/29/08	3509.91	-	sheen	20.27	0.00	3489.64
MW - 10		11/06/08	3509.91	-	sheen	20.24	0.00	3489.67
MW - 10		11/12/08	3509.91	-	sheen	20.20	0.00	3489.71
MW - 10		11/13/08	3509.91	-	sheen	20.20	0.00	3489.71
MW - 10		12/22/08	3509.91	-	sheen	20.12	0.00	3489.79
MW - 10		01/06/09	3509.91	-	-	20.12	0.00	3489.79
MW - 10		01/12/09	3509.91	-	-	20.09	0.00	3489.82
MW - 10		01/19/09	3509.91	-	-	20.14	0.00	3489.77
MW - 10		01/26/09	3509.91	-	-	20.08	0.00	3489.83
MW - 10		02/10/09	3509.91	-	-	20.07	0.00	3489.84
MW - 10		02/13/09	3509.91	-	-	20.08	0.00	3489.83
MW - 10		02/16/09	3509.91	-	-	20.05	0.00	3489.86
MW - 10		02/24/09	3509.91	-	-	20.04	0.00	3489.87
MW - 10		03/02/09	3509.91	-	-	20.02	0.00	3489.89
MW - 10		03/05/09	3509.91	-	-	20.06	0.00	3489.85
MW - 10		03/09/09	3509.91	-	-	20.02	0.00	3489.89
MW - 10		03/16/09	3509.91	-	-	20.04	0.00	3489.87
MW - 10		03/19/09	3509.91	-	-	20.01	0.00	3489.90
MW - 10		03/25/09	3509.91	-	-	20.03	0.00	3489.88
MW - 10		03/30/09	3509.91	-	-	20.02	0.00	3489.89
MW - 10		04/13/09	3509.91	-	-	19.99	0.00	3489.92
MW - 10		04/16/09	3509.91	-	-	20.03	0.00	3489.88
MW - 10		04/21/09	3509.91	-	-	20.01	0.00	3489.90
MW - 10		04/27/09	3509.91	-	-	20.01	0.00	3489.90
MW - 10		04/30/09	3509.91	-	-	20.00	0.00	3489.91
MW - 10		05/06/09	3509.91	-	-	20.02	0.00	3489.89
MW - 10		05/12/09	3509.91	-	-	19.97	0.00	3489.94
MW - 10		05/19/09	3509.91	-	-	20.08	0.00	3489.83
MW - 10		05/26/09	3509.91	-	-	20.14	0.00	3489.77
MW - 10		06/01/09	3509.91	-	-	20.23	0.00	3489.68
MW - 10		06/12/09	3509.91	-	-	20.31	0.00	3489.60
MW - 10		06/22/09	3509.91	-	-	20.41	0.00	3489.50
MW - 10		06/29/09	3509.91	-	-	20.52	0.00	3489.39
MW - 10		07/06/09	3509.91	-	-	20.61	0.00	3489.30
MW - 10		07/09/09	3509.91	-	-	20.11	0.00	3489.80
MW - 10		07/13/09	3509.91	-	-	20.13	0.00	3489.78
MW - 10		07/20/09	3509.91	-	-	21.14	0.00	3488.77
MW - 10		07/23/09	3509.91	-	-	20.69	0.00	3489.22
MW - 10		07/27/09	3509.91	-	-	20.71	0.00	3489.20
MW - 10		07/29/09	3509.91	-	-	20.65	0.00	3489.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		08/03/09	3509.91	-	-	20.57	0.00	3489.34
MW - 10		08/10/09	3509.91	-	-	20.69	0.00	3489.22
MW - 10		08/10/09	3509.91	-	-	20.69	0.00	3489.22
MW - 10		08/18/09	3509.91	-	-	20.80	0.00	3489.11
MW - 10		08/24/09	3509.91	-	-	20.84	0.00	3489.07
MW - 10		08/28/09	3509.91	-	-	19.82	0.00	3490.09
MW - 10		08/31/09	3509.91	-	-	20.91	0.00	3489.00
MW - 10		09/02/09	3509.91	-	-	20.76	0.00	3489.15
MW - 10		09/08/09	3509.91	-	-	20.96	0.00	3488.95
MW - 10		09/10/09	3509.91	-	-	20.87	0.00	3489.04
MW - 10		09/16/09	3509.91	-	-	20.91	0.00	3489.00
MW - 10		09/18/09	3509.91	-	-	20.90	0.00	3489.01
MW - 10		09/22/09	3509.91	-	-	20.93	0.00	3488.98
MW - 10		09/28/09	3509.91	-	-	19.83	0.00	3490.08
MW - 10		10/09/09	3509.91	-	-	20.95	0.00	3488.96
MW - 10		10/12/09	3509.91	-	-	20.09	0.00	3489.82
MW - 10		10/20/09	3509.91	-	-	21.05	0.00	3488.86
MW - 10		10/26/09	3509.91	-	-	20.11	0.00	3489.80
MW - 10		10/28/09	3509.91	-	-	20.99	0.00	3488.92
MW - 10		11/03/09	3509.91	-	-	20.94	0.00	3488.97
MW - 10		11/12/09	3509.91	-	-	20.90	0.00	3489.01
MW - 10		11/18/09	3509.91	-	-	20.94	0.00	3488.97
MW - 10		12/03/09	3509.91	-	sheen	20.86	0.00	3489.05
MW - 10		12/11/09	3509.91	-	sheen	20.86	0.00	3489.05
MW - 10		12/16/09	3509.91	-	sheen	20.84	0.00	3489.07
MW - 10		12/21/09	3509.91	-	-	20.89	0.00	3489.02
MW - 10		12/28/09	3509.91	-	-	20.80	0.00	3489.11
MW - 10		01/04/10	3509.91	-	-	20.80	0.00	3489.11
MW - 10		01/14/10	3509.91	-	sheen	20.80	0.00	3489.11
MW - 10		01/20/10	3509.91	-	sheen	20.70	0.00	3489.21
MW - 10		01/25/10	3509.91	-	-	20.72	0.00	3489.19
MW - 10		01/27/10	3509.91	-	sheen	20.70	0.00	3489.21
MW - 10		02/01/10	3509.91	-	sheen	20.67	0.00	3489.24
MW - 10		02/08/10	3509.91	-	sheen	20.66	0.00	3489.25
MW - 10		02/09/10	3509.91	-	sheen	20.74	0.00	3489.17
MW - 10		02/19/10	3509.91	-	-	20.53	0.00	3489.38
MW - 10		02/26/10	3509.91	-	sheen	19.61	0.00	3490.30
MW - 10		03/01/10	3509.91	-	-	20.70	0.00	3489.21
MW - 10		03/04/10	3509.91	-	sheen	20.56	0.00	3489.35
MW - 10		03/08/10	3509.91	-	sheen	20.58	0.00	3489.33
MW - 10		03/11/10	3509.91	-	-	20.47	0.00	3489.44
MW - 10		03/15/10	3509.91	-	sheen	20.54	0.00	3489.37
MW - 10		03/17/10	3509.91	-	sheen	20.45	0.00	3489.46
MW - 10		03/22/10	3509.91	-	-	20.41	0.00	3489.50
MW - 10		03/29/10	3509.91	-	-	20.37	0.00	3489.54
MW - 10		04/05/10	3509.91	-	sheen	20.42	0.00	3489.49
MW - 10		04/14/10	3509.91	-	sheen	20.39	0.00	3489.52
MW - 10		04/16/10	3509.91	-	-	20.92	0.00	3488.99
MW - 10		04/19/10	3509.91	-	sheen	20.42	0.00	3489.49
MW - 10		04/28/10	3509.91	-	sheen	20.34	0.00	3489.57
MW - 10		05/05/10	3509.91	-	-	20.82	0.00	3489.09
MW - 10		05/12/10	3509.91	-	sheen	20.37	0.00	3489.54
MW - 10		05/14/10	3509.91	-	sheen	20.37	0.00	3489.54
MW - 10		05/21/10	3509.91	-	sheen	20.38	0.00	3489.53
MW - 10		05/26/10	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		06/04/10	3509.91	-	sheen	20.40	0.00	3489.51
MW - 10		06/07/10	3509.91	-	sheen	20.52	0.00	3489.39
MW - 10		06/12/10	3509.91	-	sheen	20.56	0.00	3489.35
MW - 10		06/24/10	3509.91	-	sheen	20.68	0.00	3489.23
MW - 10		07/07/10	3509.91	-	sheen	20.33	0.00	3489.58
MW - 10		07/12/10	3509.91	-	sheen	20.13	0.00	3489.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		07/19/10	3509.91	-	sheen	20.05	0.00	3489.86
MW - 10		07/26/10	3509.91	-	-	-	-	-
MW - 10		08/03/10	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		08/11/10	3509.91	-	sheen	19.97	0.00	3489.94
MW - 10		08/19/10	3509.91	-	-	20.03	0.00	3489.88
MW - 10		08/25/10	3509.91	-	sheen	20.06	0.00	3489.85
MW - 10		09/01/10	3509.91	-	sheen	20.12	0.00	3489.79
MW - 10		09/09/10	3509.91	-	sheen	20.20	0.00	3489.71
MW - 10		09/13/10	3509.91	-	sheen	19.96	0.00	3489.95
MW - 10		09/29/10	3509.91	-	sheen	20.28	0.00	3489.63
MW - 10		10/05/10	3509.91	-	sheen	19.85	0.00	3490.06
MW - 10		10/20/10	3509.91	-	sheen	19.89	0.00	3490.02
MW - 10		10/25/10	3509.91	-	sheen	19.87	0.00	3490.04
MW - 10		11/03/10	3509.91	-	sheen	20.07	0.00	3489.84
MW - 10		11/10/10	3509.91	-	sheen	20.11	0.00	3489.80
MW - 10		11/11/10	3509.91	-	-	20.11	0.00	3489.80
MW - 10		12/09/10	3509.91	-	sheen	19.92	0.00	3489.99
MW - 10		01/18/11	3509.91	-	-	20.11	0.00	3489.80
MW - 10		02/16/11	3509.91	-	-	20.13	0.00	3489.78
MW - 10		03/01/11	3509.91	-	-	22.01	0.00	3487.90
MW - 10		03/07/11	3509.91	-	-	20.21	0.00	3489.70
MW - 10		03/22/11	3509.91	-	-	20.14	0.00	3489.77
MW - 10		04/27/11	3509.91	-	-	20.23	0.00	3489.68
MW - 10		05/19/11	3509.91	-	-	20.15	0.00	3489.76
MW - 10		06/08/11	3509.91	-	-	20.58	0.00	3489.33
MW - 10		07/06/11	3509.91	-	-	20.84	0.00	3489.07
MW - 10		08/10/11	3509.91	-	-	21.04	0.00	3488.87
MW - 10		09/07/11	3509.91	-	-	20.18	0.00	3489.73
MW - 10		09/14/11	3509.91	-	-	21.17	0.00	3488.74
MW - 10		11/14/11	3509.91	-	-	20.99	0.00	3488.92
MW - 10		12/01/11	3509.91	-	-	20.94	0.00	3488.97
MW - 10		12/08/11	3509.91	-	-	20.95	0.00	3488.96
MW - 10		12/14/11	3509.91	-	-	20.91	0.00	3489.00
MW - 10		01/12/12	3509.91	-	-	20.88	0.00	3489.03
MW - 10		01/19/12	3509.91	-	-	20.81	0.00	3489.10
MW - 10		02/03/12	3509.91	-	-	20.77	0.00	3489.14
MW - 10		02/29/12	3509.91	-	-	20.67	0.00	3489.24
MW - 10		03/14/12	3509.91	-	-	20.61	0.00	3489.30
MW - 10		03/19/12	3509.91	-	-	20.62	0.00	3489.29
MW - 10		03/29/12	3509.91	-	-	20.59	0.00	3489.32
MW - 10		04/05/12	3509.91	-	-	20.55	0.00	3489.36
MW - 10		04/18/12	3509.91	-	-	20.52	0.00	3489.39
MW - 10		04/27/12	3509.91	-	-	20.55	0.00	3489.36
MW - 10		05/02/12	3509.91	-	-	20.59	0.00	3489.32
MW - 10		05/31/12	3509.91	-	-	20.55	0.00	3489.36
MW - 10		06/08/12	3509.91	-	-	19.61	0.00	3490.30
MW - 10		06/12/12	3509.91	-	-	20.66	0.00	3489.25
MW - 10		06/21/12	3509.91	-	-	20.65	0.00	3489.26
MW - 10		06/29/12	3509.91	-	-	20.75	0.00	3489.16
MW - 10		07/13/12	3509.91	-	-	20.93	0.00	3488.98
MW - 10		12/06/12	3509.91	-	-	21.17	0.00	3488.74
MW - 10		12/11/12	3509.91	-	-	21.17	0.00	3488.74
MW - 10		12/18/12	3509.91	-	-	21.16	0.00	3488.75
MW - 10		01/09/13	3509.91	-	-	21.11	0.00	3488.80
MW - 10		01/15/13	3509.91	-	-	21.12	0.00	3488.79
MW - 10		01/23/13	3509.91	-	-	21.11	0.00	3488.80
MW - 10		01/29/13	3509.91	-	-	21.09	0.00	3488.82
MW - 10		02/07/13	3509.91	-	-	21.06	0.00	3488.85
MW - 10		02/13/13	3509.91	-	-	21.03	0.00	3488.88
MW - 10		02/20/13	3509.91	-	20.99	21.00	0.01	3488.92
MW - 10		03/15/13	3509.91	-	-	20.98	0.00	3488.93

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10		03/19/13	3509.91	-	-	20.99	0.00	3488.92
MW - 10		04/02/13	3509.91	-	-	20.96	0.00	3488.95
MW - 10		04/09/13	3509.91	-	-	20.93	0.00	3488.98
MW - 10		04/16/13	3509.91	-	-	20.92	0.00	3488.99
MW - 10		04/23/13	3509.91	-	-	20.91	0.00	3489.00
MW - 10		04/30/13	3509.91	-	-	20.89	0.00	3489.02
MW - 10		05/08/13	3509.91	-	-	20.89	0.00	3489.02
MW - 10		05/14/13	3509.91	-	-	20.89	0.00	3489.02
MW - 10		05/22/13	3509.91	-	-	20.89	0.00	3489.02
MW - 10		05/28/13	3509.91	-	-	20.89	0.00	3489.02
MW - 10		06/04/13	3509.91	-	-	20.94	0.00	3488.97
MW - 10		06/11/13	3509.91	-	-	20.99	0.00	3488.92
MW - 10		06/19/13	3509.91	-	-	21.06	0.00	3488.85
MW - 10		06/28/13	3509.91	-	-	21.22	0.00	3488.69
MW - 10		07/01/13	3509.91	-	-	21.24	0.00	3488.67
MW - 10		07/08/13	3509.91	-	-	21.33	0.00	3488.58
MW - 10		07/23/13	3509.91	-	-	21.32	0.00	3488.59
MW - 10		07/30/13	3509.91	-	-	21.26	0.00	3488.65
MW - 10		08/05/13	3509.91	-	-	21.24	0.00	3488.67
MW - 10		08/12/13	3509.91	26.80	-	21.27	0.00	3488.64
MW - 10		08/22/13	3509.91	-	-	21.40	0.00	3488.51
MW - 10		08/29/13	3509.91	-	-	21.48	0.00	3488.43
MW - 10		09/05/13	3509.91	-	-	21.51	0.00	3488.40
MW - 10		09/10/13	3509.91	-	-	21.56	0.00	3488.35
MW - 10		09/17/13	3509.91	-	-	21.66	0.00	3488.25
MW - 10		09/24/13	3509.91	-	-	21.62	0.00	3488.29
MW - 10		10/07/13	3509.91	-	-	21.76	0.00	3488.15
MW - 10		11/14/13	-	-	-	23.95	0.00	-
MW - 10		11/20/13	-	29.32	-	23.90	0.00	-
MW - 10		12/12/13	-	-	-	23.85	0.00	-
MW - 10		12/19/13	-	-	-	23.84	0.00	-
MW - 10		01/03/14	-	-	-	23.79	0.00	-
MW - 10		01/09/14	-	-	-	23.80	0.00	-
MW - 10		01/13/14	-	-	-	23.77	0.00	-
MW - 10		01/21/14	-	-	-	23.75	0.00	-
MW - 10		01/24/14	-	-	-	23.74	0.00	-
MW - 10	John Flores	02/04/14	3513.79	29.30	-	23.70	0.00	3490.09
MW - 10		02/10/14	3513.79	-	-	23.71	0.00	3490.08
MW - 10	David F.	02/27/14	3513.79	-	-	23.67	0.00	3490.12
MW - 10	David F.	03/17/14	3513.79	-	-	23.59	0.00	3490.20
MW - 10	David F.	03/27/14	3513.79	-	-	23.58	0.00	3490.21
MW - 10	David & Jose	04/02/14	3513.79	-	-	23.60	0.00	3490.19
MW - 10	Manny & Lira	04/16/14	3513.79	-	-	23.53	0.00	3490.26
MW - 10	Manny & Chanc	04/22/14	3513.79	-	-	23.52	0.00	3490.27
MW - 10	David & Justin	04/28/14	3513.79	-	-	23.55	0.00	3490.24
MW - 10	Manny & chanc	05/06/14	3513.79	-	-	23.46	0.00	3490.33
MW - 10	Manny	05/13/14	3513.79	-	-	23.55	0.00	3490.24
MW - 10	Jose & Chance	05/14/14	3513.79	29.23	-	23.53	0.00	3490.26
MW - 10	Manny	05/21/14	3513.79	29.23	-	23.57	0.00	3490.22
MW - 10	Manny & Chanc	06/05/14	3513.79	-	-	23.72	0.00	3490.07
MW - 10	Manny	06/11/14	3513.79	-	-	23.82	0.00	3489.97
MW - 10	Manny	06/16/14	3513.79	-	-	23.89	0.00	3489.90
MW - 10	Manny	07/22/14	3513.79	-	-	24.23	0.00	3489.56
MW - 10	David F.	08/05/14	3513.79	29.23	-	24.31	0.00	3489.48
MW - 10	Manny	10/27/14	3513.79	29.23	-	23.22	0.00	3490.57
MW - 10	Manny	11/19/14	3513.79	29.25	-	23.08	0.00	3490.71
MW - 10	Manny/Matt	02/09/15	3513.79	29.25	-	23.08	0.00	3490.71
MW - 10	Manny	03/20/15	3513.79	-	-	23.06	0.00	3490.73
MW - 10	Manny	04/04/15	3513.79	-	-	23.03	0.00	3490.76
MW - 10	Manny/Arthur	05/27/15	3513.79	29.25	-	22.89	0.00	3490.90
MW - 10	Carlos	07/02/15	3513.79	-	-	22.99	0.00	3490.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny/Arthur	08/03/15	3513.79	29.24	-	23.29	0.00	3490.50
MW - 10	Manny	09/24/15	3513.79	-	-	23.54	0.00	3490.25
MW - 10	Manny	11/18/15	3513.79	29.26	-	23.09	0.00	3490.70
MW - 10	Manny	01/08/16	3513.79	-	-	22.99	0.00	3490.80
MW - 10	Manny	02/23/16	3513.79	29.27	-	22.93	0.00	3490.86
MW - 10	Manny	04/08/16	3513.79	-	-	22.86	0.00	3490.93
MW - 10	Manny	06/06/16	3513.79	29.25	-	22.92	0.00	3490.87
MW - 10	Carlos	06/28/16	3513.79	-	-	23.24	0.00	3490.55
MW - 10	Carlos	07/27/16	3513.79	-	-	23.60	0.00	3490.19
MW - 10	Manny/ Wes	08/03/16	3513.79	29.23	-	23.55	0.00	3490.24
MW - 10	Manny	09/27/16	3513.79	-	-	22.71	0.00	3491.08
MW - 10	Manny	10/21/16	3513.79	-	-	22.56	0.00	3491.23
MW - 10	Manny	11/09/16	3513.79	29.23	-	22.53	0.00	3491.26
MW - 10	Manny	01/26/17	3513.79	-	-	22.58	0.00	3491.21
MW - 10	Manny	03/01/17	3513.79	29.26	-	22.48	0.00	3491.31
MW - 10	Wesley	03/15/17	3513.79	-	-	22.42	0.00	3491.37
MW - 10	Manny	05/23/17	3513.79	29.22	-	22.47	0.00	3491.32
MW - 10	Jeremy	07/20/17	3513.79	-	-	23.05	0.00	3490.74
MW - 10	Jeremy	08/16/17	3513.79	29.21	-	22.94	0.00	3490.85
MW - 10	Jeremy	09/13/17	3513.79	-	-	23.01	0.00	3490.78
MW - 10	Jeremy	10/12/17	3513.79	-	-	22.72	0.00	3491.07
MW - 10	Manny/ Jeremy	11/14/17	3513.79	29.22	-	23.64	0.00	3490.15
MW - 10	Jeremy	12/20/17	3513.79	-	-	23.53	0.00	3490.26
MW - 10	Jeremy	01/09/18	3513.79	-	-	22.49	0.00	3491.30
MW - 10	Jeremy	02/08/18	3513.79	29.24	-	22.49	0.00	3491.30
MW - 10	Jeremy	03/29/18	3513.79	-	-	22.43	0.00	3491.36
MW - 10	Jeremy	04/16/18	3513.79	-	-	22.39	0.00	3491.40
MW - 10	Jeremy	05/21/18	3513.79	29.19	-	22.62	0.00	3491.17
MW - 10	Jeremy	06/18/18	3513.79	-	-	22.91	0.00	3490.88
MW - 10	Jeremy	07/11/18	3513.79	-	-	23.12	0.00	3490.67
MW - 10	Jeremy/ Wesley	08/08/18	3513.79	29.19	-	23.31	0.00	3490.48
MW - 10	Jeremy	09/12/18	3513.79	29.19	-	23.37	0.00	3490.42
MW - 10	Jeremy	11/13/18	3513.79	29.17	-	23.06	0.00	3490.73
MW - 10	Jeremy	11/15/18	3513.79	29.17	-	23.06	0.00	3490.73
MW - 10	Jeremy	12/03/18	3513.79	29.17	-	21.63	0.00	3492.16
MW - 10	Jeremy	01/09/19	3513.79	-	-	22.83	0.00	3490.96
MW - 10	Jeremy	02/12/19	3513.79	29.22	-	22.79	0.00	3491.00
MW - 10	Jeremy	02/07/19	3513.79	-	-	26.84	0.00	3486.95
MW - 10	Elias	03/12/19	3513.79	-	-	22.71	0.00	3491.08
MW - 10	Elias	04/01/19	3513.79	-	-	22.64	0.00	3491.15
MW - 10	Elias	05/07/19	3513.79	29.20	-	22.58	0.00	3491.21
MW - 10	Elias	06/14/19	3513.79	-	-	22.86	0.00	3490.93
MW - 10	Elias	07/11/19	3513.79	-	-	23.18	0.00	3490.61
MW - 10	Elias	08/07/19	3513.79	29.22	-	23.37	0.00	3490.42
MW - 10	Elias	09/12/19	3513.79	-	-	23.54	0.00	3490.25
MW - 10	Elias	10/15/19	3513.79	-	-	23.35	0.00	3490.44
MW - 10	Elias	11/06/19	3513.79	29.19	-	23.24	0.00	3490.55
MW - 10	Elias	12/17/19	3513.79	-	-	23.04	0.00	3490.75
MW - 10	Elias	01/06/20	3513.79	-	-	22.97	0.00	3490.82
MW - 10	Elias	03/04/20	3513.79	**29.25**	-	22.87	0.00	3490.92
MW - 10	Manny	05/14/20	3513.79	-	-	22.62	0.00	3491.17
MW - 10	Manny	06/17/20	3513.79	-	-	23.12	0.00	3490.67
MW - 10	Manny	07/21/20	3513.79	-	-	23.45	0.00	3490.34
MW - 10	Manny	08/12/20	3513.79	-	-	23.56	0.00	3490.23
MW - 10	Manny	09/14/20	3513.79	-	-	23.69	0.00	3490.10
MW - 10	Manny	12/08/20	3513.79	-	-	23.76	0.00	3490.03
MW - 10	Manny	01/13/21	3513.79	-	-	23.70	0.00	3490.09
MW - 10	Manny	02/10/21	3513.79	-	-	23.62	0.00	3490.17
MW - 10	Manny	04/21/21	3513.79	-	-	23.50	0.00	3490.29
MW - 10	Manny	06/10/21	3513.79	29.15	-	23.55	0.00	3490.24
MW - 10	Manny	09/22/21	3513.79	-	-	23.87	0.00	3489.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 10	Manny	10/14/21	3513.79	-	-	23.90	0.00	3489.89
MW - 10	Manny	12/06/21	3513.79	-	-	23.93	0.00	3489.86
MW - 10	Manny	03/14/22	3513.79	-	-	23.80	0.00	3489.99
MW - 10	Manny	04/20/22	3513.79	-	-	23.80	0.00	3489.99
MW - 10	Manny	05/09/22	3513.79	-	-	23.92	0.00	3489.87
MW - 10	Manny	08/16/22	3513.79	29.20	-	24.40	0.00	3489.39
MW - 10	Manny	11/08/22	3513.79	-	-	24.11	0.00	3489.68
MW - 10	Manny	02/27/23	3513.79	-	-	23.78	0.00	3490.01
MW - 10	Manny	05/10/23	3513.79	-	-	23.59	0.00	3490.20
MW - 10	Manny	08/16/23	3513.79	-	-	24.36	0.00	3489.43
MW - 10	Manny	12/13/23	3513.79	29.19	-	23.99	0.00	3489.80
MW - 10	Manny	02/26/24	3513.79	29.19	-	23.75	0.00	3490.04
MW - 10	Manny	06/17/24	3513.79	29.19	-	24.15	0.00	3489.64
MW - 10	Manny	09/23/24	3513.79	-	-	24.59	0.00	3489.20
MW - 10	Manny	12/09/24	3513.79	29.17	-	24.37	0.00	3489.42
MW - 11		06/20/02	3509.27	-	-	20.41	0.00	3488.86
MW - 11		09/26/02	3509.27	-	-	20.96	0.00	3488.31
MW - 11		11/12/02	3509.27	-	-	20.73	0.00	3488.54
MW - 11		02/12/03	3509.27	-	-	20.45	0.00	3488.82
MW - 11		05/14/03	3509.27	-	-	20.47	0.00	3488.80
MW - 11		08/21/03	3509.27	-	-	21.38	0.00	3487.89
MW - 11		12/10/03	3509.27	-	-	21.33	0.00	3487.94
MW - 11		02/11/04	3509.27	-	-	21.33	0.00	3487.94
MW - 11		05/11/04	3509.27	-	-	20.22	0.00	3489.05
MW - 11		08/25/04	3509.27	-	-	20.60	0.00	3488.67
MW - 11		11/03/04	3509.27	-	-	19.94	0.00	3489.33
MW - 11		12/03/04	3509.27	-	-	19.94	0.00	3489.33
MW - 11		03/08/05	3509.27	-	-	19.14	0.00	3490.13
MW - 11		06/08/05	3509.27	-	-	18.63	0.00	3490.64
MW - 11		09/15/05	3509.27	-	-	19.06	0.00	3490.21
MW - 11		12/12/05	3509.27	-	-	18.85	0.00	3490.42
MW - 11		03/16/06	3509.27	-	-	18.78	0.00	3490.49
MW - 11		06/15/06	3509.27	-	-	19.34	0.00	3489.93
MW - 11		09/18/06	3509.27	-	-	19.11	0.00	3490.16
MW - 11		11/30/06	3509.27	-	-	19.11	0.00	3490.16
MW - 11		02/27/07	3509.27	-	-	18.88	0.00	3490.39
MW - 11		05/22/07	3509.27	-	-	18.68	0.00	3490.59
MW - 11		08/15/07	3509.27	-	-	19.49	0.00	3489.78
MW - 11		11/06/07	3509.27	-	-	19.24	0.00	3490.03
MW - 11		02/12/08	3509.27	-	-	19.07	0.00	3490.20
MW - 11		05/13/08	3509.27	-	-	19.03	0.00	3490.24
MW - 11		08/14/08	3509.27	-	-	19.90	0.00	3489.37
MW - 11		11/12/08	3509.27	-	-	19.35	0.00	3489.92
MW - 11		02/10/09	3509.27	-	-	19.21	0.00	3490.06
MW - 11		05/12/09	3509.27	-	-	19.18	0.00	3490.09
MW - 11		08/10/09	3509.27	-	-	19.92	0.00	3489.35
MW - 11		11/18/09	3509.27	-	-	20.06	0.00	3489.21
MW - 11		01/04/10	3509.27	-	-	19.97	0.00	3489.30
MW - 11		02/09/10	3509.27	-	-	19.81	0.00	3489.46
MW - 11		05/12/10	3509.27	-	-	19.36	0.00	3489.91
MW - 11		08/11/10	3509.27	-	-	19.36	0.00	3489.91
MW - 11		11/11/10	3509.27	-	-	20.09	0.00	3489.18
MW - 11		02/16/11	3509.27	-	-	20.11	0.00	3489.16
MW - 11		05/19/11	3509.27	-	-	20.13	0.00	3489.14
MW - 11		08/10/11	3509.27	-	-	20.27	0.00	3489.00
MW - 11		11/14/11	3509.27	-	-	20.16	0.00	3489.11
MW - 11		02/29/12	3509.27	-	-	19.83	0.00	3489.44
MW - 11		05/02/12	3509.27	-	-	19.76	0.00	3489.51
MW - 11		12/06/12	3509.27	-	-	20.12	0.00	3489.15
MW - 11		02/13/13	3509.27	-	-	19.97	0.00	3489.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 11		05/22/13	3509.27	-	-	20.06	0.00	3489.21
MW - 11		08/12/13	3509.27	-	-	20.46	0.00	3488.81
MW - 11		11/20/13	3509.27	30.08	-	22.83	0.00	3486.44
MW - 11	John Flores	02/04/14	3512.89	-	-	22.61	0.00	3490.28
MW - 11	Jose & Chance	05/14/14	3512.89	-	-	22.46	0.00	3490.43
MW - 11	Manny	07/22/14	3512.89	-	-	23.18	0.00	3489.71
MW - 11	David	08/05/14	3512.89	-	-	23.24	0.00	3489.65
MW - 11	Manny	10/27/14	3512.89	-	-	22.19	0.00	3490.70
MW - 11	Manny	11/19/14	3512.89	30.06	-	22.12	0.00	3490.77
MW - 11	Manny/Matt	02/09/15	3512.89	-	-	22.02	0.00	3490.87
MW - 11	Manny	03/20/15	3512.89	-	-	21.98	0.00	3490.91
MW - 11	Manny	04/04/15	3512.89	-	-	21.94	0.00	3490.95
MW - 11	Manny/Arthur	05/27/15	3512.89	-	-	21.81	0.00	3491.08
MW - 11	Carlos	07/09/15	3512.89	-	-	21.97	0.00	3490.92
MW - 11	Manny/Arthur	08/03/15	3512.89	-	-	22.28	0.00	3490.61
MW - 11	Manny	09/24/15	3512.89	-	-	22.50	0.00	3490.39
MW - 11	Manny	11/18/15	3512.89	30.06	-	22.04	0.00	3490.85
MW - 11	Manny	01/08/16	3512.89	-	-	21.92	0.00	3490.97
MW - 11	Manny	02/23/16	3512.89	-	-	21.83	0.00	3491.06
MW - 11	Manny	04/08/16	3512.89	-	-	21.72	0.00	3491.17
MW - 11	Manny	06/06/16	3512.89	-	-	21.87	0.00	3491.02
MW - 11	Carlos	06/28/16	3512.89	-	-	22.15	0.00	3490.74
MW - 11	Carlos	07/27/16	3512.89	-	-	22.50	0.00	3490.39
MW - 11	Manny/ Wes	08/03/16	3512.89	-	-	22.56	0.00	3490.33
MW - 11	Manny	09/27/16	3512.89	-	-	21.62	0.00	3491.27
MW - 11	Manny	10/21/16	3512.89	-	-	21.50	0.00	3491.39
MW - 11	Manny	11/08/16	3512.89	30.04	-	21.49	0.00	3491.40
MW - 11	Manny	01/26/17	3512.89	-	-	21.46	0.00	3491.43
MW - 11	Manny	02/28/17	3512.89	-	-	21.44	0.00	3491.45
MW - 11	Wesley	03/15/17	3512.89	-	-	21.41	0.00	3491.48
MW - 11	Manny	05/23/17	3512.89	-	-	21.46	0.00	3491.43
MW - 11	Jeremy	07/20/17	3512.89	-	-	22.08	0.00	3490.81
MW - 11	Jeremy	08/16/17	3512.89	-	-	21.93	0.00	3490.96
MW - 11	Jeremy	09/13/17	3512.89	-	-	22.12	0.00	3490.77
MW - 11	Jeremy	10/12/17	3512.89	-	-	21.71	0.00	3491.18
MW - 11	Manny/ Jeremy	11/13/17	3512.89	30.03	-	21.60	0.00	3491.29
MW - 11	Jeremy	12/20/17	3512.89	-	-	21.51	0.00	3491.38
MW - 11	Jeremy	01/09/18	3512.89	-	-	21.48	0.00	3491.41
MW - 11	Jeremy	02/07/18	3512.89	-	-	21.48	0.00	3491.41
MW - 11	Jeremy	03/29/18	3512.89	-	-	21.40	0.00	3491.49
MW - 11	Jeremy	04/16/18	3512.89	-	-	21.37	0.00	3491.52
MW - 11	Jeremy	05/21/18	3512.89	-	-	21.63	0.00	3491.26
MW - 11	Jeremy	06/18/18	3512.89	-	-	21.91	0.00	3490.98
MW - 11	Jeremy	07/11/18	3512.89	-	-	22.13	0.00	3490.76
MW - 11	Jeremy/ Wesley	08/08/18	3512.89	-	-	22.34	0.00	3490.55
MW - 11	Jeremy	09/12/18	3512.89	-	-	22.32	0.00	3490.57
MW - 11	Jeremy	11/12/18	3512.89	29.98	-	22.02	0.00	3490.87
MW - 11	Jeremy	01/09/19	3512.89	-	-	21.82	0.00	3491.07
MW - 11	Jeremy	02/12/19	3512.89	-	-	21.76	0.00	3491.13
MW - 11	Elias	03/12/19	3512.89	-	-	21.68	0.00	3491.21
MW - 11	Elias	04/01/19	3512.89	-	-	21.62	0.00	3491.27
MW - 11	Elias	05/07/19	3512.89	-	-	21.56	0.00	3491.33
MW - 11	Elias	06/14/19	3512.89	-	-	21.85	0.00	3491.04
MW - 11	Elias	07/11/19	3512.89	-	-	22.18	0.00	3490.71
MW - 11	Elias	08/07/19	3512.89	-	-	22.40	0.00	3490.49
MW - 11	Elias	09/12/19	3512.89	-	-	22.55	0.00	3490.34
MW - 11	Elias	10/15/19	3512.89	-	-	22.34	0.00	3490.55
MW - 11	Elias	11/05/19	3512.89	29.96	-	22.24	0.00	3490.65
MW - 11	Elias	12/17/19	3512.89	-	-	22.00	0.00	3490.89
MW - 11	Elias	01/06/20	3512.89	-	-	21.95	0.00	3490.94
MW - 11	Elias	03/04/20	3512.89	-	-	21.82	0.00	3491.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 11	Manny	05/14/20	3512.89	-	-	21.63	0.00	3491.26
MW - 11	Manny	06/17/20	3512.89	-	-	22.16	0.00	3490.73
MW - 11	Manny	07/21/20	3512.89	-	-	22.46	0.00	3490.43
MW - 11	Manny	08/12/20	3512.89	-	-	22.57	0.00	3490.32
MW - 11	Manny	09/14/20	3512.89	-	-	22.69	0.00	3490.20
MW - 11	Manny	12/09/20	3512.89	29.93	-	22.74	0.00	3490.15
MW - 11	Manny	01/13/21	3512.89	-	-	22.68	0.00	3490.21
MW - 11	Manny	02/10/21	3512.89	-	-	22.59	0.00	3490.30
MW - 11	Manny	04/21/21	3512.89	-	-	22.48	0.00	3490.41
MW - 11	Manny	06/09/21	3512.89	-	-	22.52	0.00	3490.37
MW - 11	Manny	09/23/21	3512.89	-	-	22.88	0.00	3490.01
MW - 11	Manny	10/14/21	3512.89	-	-	22.91	0.00	3489.98
MW - 11	Manny	12/06/21	3512.89	29.87	-	22.90	0.00	3489.99
MW - 11	Manny	03/15/22	3512.89	29.90	-	22.77	0.00	3490.12
MW - 11	Manny	04/20/22	3512.89	-	-	22.74	0.00	3490.15
MW - 11	Manny	05/10/22	3512.89	29.84	-	22.90	0.00	3489.99
MW - 11	Manny	08/16/22	3512.89	29.79	-	23.38	0.00	3489.51
MW - 11	Manny	11/09/22	3512.89	29.76	-	23.10	0.00	3489.79
MW - 11	Manny	02/28/23	3512.89	29.72	-	22.71	0.00	3490.18
MW - 11	Manny	05/11/23	3512.89	29.67	-	22.56	0.00	3490.33
MW - 11	Manny	08/17/23	3512.89	29.54	-	23.44	0.00	3489.45
MW - 11	Manny	12/14/23	3512.89	29.65	-	22.96	0.00	3489.93
MW - 11	Manny	02/26/24	3512.89	29.57	-	22.70	0.00	3490.19
MW - 11	Manny	06/17/24	3512.89	29.55	-	23.15	0.00	3489.74
MW - 11	Manny	09/23/24	3512.89	29.49	-	23.54	0.00	3489.35
MW - 11	Manny	12/09/24	3512.89	29.49	-	23.31	0.00	3489.58
MW - 12		06/20/02	3508.63	-	-	20.07	0.00	3488.56
MW - 12		09/26/02	3508.63	-	-	20.54	0.00	3488.09
MW - 12		11/12/02	3508.63	-	-	20.45	0.00	3488.18
MW - 12		02/12/03	3508.63	-	-	20.05	0.00	3488.58
MW - 12		05/14/03	3508.63	-	-	20.09	0.00	3488.54
MW - 12		08/21/03	3508.63	-	-	20.97	0.00	3487.66
MW - 12		12/10/03	3508.63	-	-	20.95	0.00	3487.68
MW - 12		02/11/04	3508.63	-	-	20.98	0.00	3487.65
MW - 12		05/11/04	3508.63	-	-	19.83	0.00	3488.80
MW - 12		08/25/04	3508.63	-	-	20.23	0.00	3488.40
MW - 12		12/02/04	3508.63	-	-	19.54	0.00	3489.09
MW - 12		03/08/05	3508.63	-	-	18.83	0.00	3489.80
MW - 12		06/08/05	3508.63	-	-	18.31	0.00	3490.32
MW - 12		09/15/05	3508.63	-	-	18.64	0.00	3489.99
MW - 12		12/12/05	3508.63	-	-	18.45	0.00	3490.18
MW - 12		03/16/06	3508.63	-	-	18.40	0.00	3490.23
MW - 12		06/15/06	3508.63	-	-	18.89	0.00	3489.74
MW - 12		09/18/06	3508.63	-	-	18.69	0.00	3489.94
MW - 12		11/30/06	3508.63	-	-	18.69	0.00	3489.94
MW - 12		02/27/07	3508.63	-	-	18.48	0.00	3490.15
MW - 12		05/22/07	3508.63	-	-	18.30	0.00	3490.33
MW - 12		08/15/07	3508.63	-	-	19.03	0.00	3489.60
MW - 12		11/06/07	3508.63	-	-	18.83	0.00	3489.80
MW - 12		02/12/08	3508.63	-	-	18.69	0.00	3489.94
MW - 12		06/05/08	3508.63	-	-	18.70	0.00	3489.93
MW - 12		08/14/08	3508.63	-	-	0.00	0.00	3508.63
MW - 12		11/12/08	3508.63	-	-	18.94	0.00	3489.69
MW - 12		02/10/09	3508.63	-	-	18.81	0.00	3489.82
MW - 12		05/12/09	3508.63	-	-	18.76	0.00	3489.87
MW - 12		08/10/09	3508.63	-	-	19.48	0.00	3489.15
MW - 12		11/18/09	3508.63	-	-	19.65	0.00	3488.98
MW - 12		01/04/10	3508.63	-	-	19.54	0.00	3489.09
MW - 12		02/09/10	3508.63	-	-	19.42	0.00	3489.21
MW - 12		05/12/10	3508.63	-	-	18.99	0.00	3489.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 12		08/11/10	3508.63	-	-	19.00	0.00	3489.63
MW - 12		11/11/10	3508.63	-	-	19.65	0.00	3488.98
MW - 12		02/16/11	3508.63	-	-	19.67	0.00	3488.96
MW - 12		05/19/11	3508.63	-	-	19.70	0.00	3488.93
MW - 12		08/10/11	3508.63	-	-	20.13	0.00	3488.50
MW - 12		11/14/11	3508.63	-	-	19.76	0.00	3488.87
MW - 12		02/29/12	3508.63	-	-	19.46	0.00	3489.17
MW - 12		05/02/12	3508.63	-	-	19.37	0.00	3489.26
MW - 12		12/06/12	3508.63	-	-	19.73	0.00	3488.90
MW - 12		02/13/13	3508.63	-	-	19.60	0.00	3489.03
MW - 12		05/22/13	3508.63	-	-	19.44	0.00	3489.19
MW - 12		08/12/13	3508.63	-	-	19.82	0.00	3488.81
MW - 12		11/20/13	3508.63	26.07	-	19.89	0.00	3488.74
MW - 12	John Flores	02/04/14	3509.69	-	-	19.69	0.00	3490.00
MW - 12	Jose & chance	05/14/14	3509.69	-	-	20.53	0.00	3489.16
MW - 12	Manny	07/22/14	3509.69	-	-	20.16	0.00	3489.53
MW - 12	David	08/05/14	3509.69	-	-	20.22	0.00	3489.47
MW - 12	Manny	10/27/14	3509.69	-	-	19.19	0.00	3490.50
MW - 12	Manny	11/19/14	3509.69	26.00	-	19.14	0.00	3490.55
MW - 12	Manny/Matt	02/09/15	3509.69	26.00	-	19.08	0.00	3490.61
MW - 12	Manny	03/20/15	3509.69	-	-	19.06	0.00	3490.63
MW - 12	Manny	04/04/15	3509.69	-	-	19.03	0.00	3490.66
MW - 12	Manny/Arthur	05/27/15	3509.69	-	-	18.90	0.00	3490.79
MW - 12	Carlos	07/09/15	3509.69	-	-	18.97	0.00	3490.72
MW - 12	Manny/Arthur	08/03/15	3509.69	-	-	19.26	0.00	3490.43
MW - 12	Manny	09/24/15	3509.69	-	-	19.49	0.00	3490.20
MW - 12	Manny	11/18/15	3509.69	25.99	-	19.10	0.00	3490.59
MW - 12	Manny	01/08/16	3509.69	-	-	18.98	0.00	3490.71
MW - 12	Manny	02/23/16	3509.69	-	-	18.90	0.00	3490.79
MW - 12	Manny	04/08/16	3509.69	-	-	18.80	0.00	3490.89
MW - 12	Manny	06/06/16	3509.69	-	-	18.88	0.00	3490.81
MW - 12	Carlos	06/28/16	3509.69	-	-	19.13	0.00	3490.56
MW - 12	Carlos	07/27/16	3509.69	-	-	19.46	0.00	3490.23
MW - 12	Manny/ Wes	08/03/16	3509.69	-	-	19.51	0.00	3490.18
MW - 12	Manny	09/27/16	3509.69	-	-	18.54	0.00	3491.15
MW - 12	Manny	10/21/16	3509.69	-	-	18.48	0.00	3491.21
MW - 12	Manny	11/08/16	3509.69	25.97	-	18.50	0.00	3491.19
MW - 12	Manny	01/26/17	3509.69	-	-	18.52	0.00	3491.17
MW - 12	Manny	02/28/17	3509.69	-	-	18.50	0.00	3491.19
MW - 12	Wesley	03/15/17	3509.69	-	-	18.48	0.00	3491.21
MW - 12	Manny	05/23/17	3509.69	-	-	18.50	0.00	3491.19
MW - 12	Jeremy	07/20/17	3509.69	-	-	19.05	0.00	3490.64
MW - 12	Jeremy	08/16/17	3509.69	-	-	18.96	0.00	3490.73
MW - 12	Jeremy	09/13/17	3509.69	-	-	19.03	0.00	3490.66
MW - 12	Jeremy	10/12/17	3509.69	-	-	18.73	0.00	3490.96
MW - 12	Manny/ Jeremy	11/13/17	3509.69	25.92	-	18.64	0.00	3491.05
MW - 12	Jeremy	12/20/17	3509.69	-	-	18.57	0.00	3491.12
MW - 12	Jeremy	01/09/18	3509.69	-	-	18.52	0.00	3491.17
MW - 12	Jeremy	02/07/18	3509.69	-	-	18.51	0.00	3491.18
MW - 12	Jeremy	03/29/18	3509.69	-	-	18.46	0.00	3491.23
MW - 12	Jeremy	04/16/18	3509.69	-	-	18.43	0.00	3491.26
MW - 12	Jeremy	05/21/18	3509.69	-	-	18.63	0.00	3491.06
MW - 12	Jeremy	06/18/18	3509.69	-	-	18.92	0.00	3490.77
MW - 12	Jeremy	07/11/18	3509.69	-	-	19.81	0.00	3489.88
MW - 12	Jeremy/ Welsey	08/08/18	3509.69	-	-	19.30	0.00	3490.39
MW - 12	Jeremy	09/12/18	3509.69	-	-	19.36	0.00	3490.33
MW - 12	Jeremy	11/12/18	3509.69	24.74	-	19.08	0.00	3490.61
MW - 12	Jeremy	01/09/19	3509.69	-	-	18.86	0.00	3490.83
MW - 12	Jeremy	02/12/19	3509.69	-	-	18.82	0.00	3490.87
MW - 12	Elias	03/12/19	3509.69	-	-	18.75	0.00	3490.94
MW - 12	Elias	04/01/19	3509.69	-	-	18.70	0.00	3490.99

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 12	Elias	05/07/19	3509.69	-	-	18.62	0.00	3491.07
MW - 12	Elias	06/14/19	3509.69	-	-	18.87	0.00	3490.82
MW - 12	Elias	07/11/19	3509.69	-	-	19.18	0.00	3490.51
MW - 12	Elias	08/07/19	3509.69	-	-	19.37	0.00	3490.32
MW - 12	Elias	09/12/19	3509.69	-	-	19.54	0.00	3490.15
MW - 12	Elias	10/15/19	3509.69	-	-	19.39	0.00	3490.30
MW - 12	Elias	11/06/19	3509.69	25.73	-	19.26	0.00	3490.43
MW - 12	Elias	12/17/19	3509.69	-	-	19.05	0.00	3490.64
MW - 12	Elias	01/06/20	3509.69	-	-	19.00	0.00	3490.69
MW - 12	Elias	03/04/20	3509.69	-	-	18.90	0.00	3490.79
MW - 12	Manny	05/14/20	3509.69	-	-	18.68	0.00	3491.01
MW - 12	Manny	06/17/20	3509.69	-	-	19.13	0.00	3490.56
MW - 12	Manny	07/21/20	3509.69	-	-	19.42	0.00	3490.27
MW - 12	Manny	08/12/20	3509.69	-	-	19.55	0.00	3490.14
MW - 12	Manny	09/14/20	3509.69	-	-	19.68	0.00	3490.01
MW - 12	Manny	12/09/20	3509.69	25.62	-	19.78	0.00	3489.91
MW - 12	Manny	01/01/21	3509.69	-	-	19.73	0.00	3489.96
MW - 12	Manny	02/10/21	3509.69	-	-	19.66	0.00	3490.03
MW - 12	Manny	04/21/21	3509.69	-	-	19.54	0.00	3490.15
MW - 12	Manny	06/09/21	3509.69	-	-	19.55	0.00	3490.14
MW - 12	Manny	09/22/21	3509.69	-	-	19.87	0.00	3489.82
MW - 12	Manny	10/14/21	3509.69	-	-	19.91	0.00	3489.78
MW - 12	Manny	12/06/21	3509.69	25.56	-	19.95	0.00	3489.74
MW - 12	Manny	03/15/22	3509.69	-	-	19.83	0.00	3489.86
MW - 12	Manny	04/20/22	3509.69	-	-	19.80	0.00	3489.89
MW - 12	Manny	05/09/22	3509.69	-	-	19.89	0.00	3489.80
MW - 12	Manny	08/16/22	3509.69	-	-	20.33	0.00	3489.36
MW - 12	Manny	11/09/22	3509.69	25.55	-	20.15	0.00	3489.54
MW - 12	Manny	02/27/23	3509.69	-	-	19.78	0.00	3489.91
MW - 12	Manny	05/10/23	3509.69	-	-	19.67	0.00	3490.02
MW - 12	Manny	08/16/23	3509.69	-	-	20.36	0.00	3489.33
MW - 12	Manny	12/13/23	3509.69	25.54	-	20.01	0.00	3489.68
MW - 12	Manny	02/26/24	3509.69	25.54	-	19.79	0.00	3489.90
MW - 12	Manny	06/17/24	3509.69	25.54	-	20.14	0.00	3489.55
MW - 12	Manny	09/23/24	3509.69	-	-	20.57	0.00	3489.12
MW - 12	Manny	12/09/24	3509.69	25.44	-	20.39	0.00	3489.30
MW - 13		06/20/02	3507.96	-	-	19.58	0.00	3488.38
MW - 13		09/26/02	3507.96	-	-	20.05	0.00	3487.91
MW - 13		11/12/02	3507.96	-	-	19.97	0.00	3487.99
MW - 13		02/12/03	3507.96	-	-	19.56	0.00	3488.40
MW - 13		05/14/03	3507.96	-	-	19.63	0.00	3488.33
MW - 13		08/21/03	3507.96	-	-	20.45	0.00	3487.51
MW - 13		12/10/03	3507.96	-	-	20.41	0.00	3487.55
MW - 13		02/11/04	3507.96	-	-	20.49	0.00	3487.47
MW - 13		05/11/04	3507.96	-	-	19.30	0.00	3488.66
MW - 13		08/25/04	3507.96	-	-	19.71	0.00	3488.25
MW - 13		12/02/04	3507.96	-	-	19.02	0.00	3488.94
MW - 13		03/08/05	3507.96	-	-	18.38	0.00	3489.58
MW - 13		06/08/05	3507.96	-	-	17.87	0.00	3490.09
MW - 13		09/15/05	3507.96	-	-	18.13	0.00	3489.83
MW - 13		12/12/05	3507.96	-	-	17.96	0.00	3490.00
MW - 13		03/16/06	3507.96	-	-	17.93	0.00	3490.03
MW - 13		06/15/06	3507.96	-	-	18.39	0.00	3489.57
MW - 13		09/18/06	3507.96	-	-	18.19	0.00	3489.77
MW - 13		11/30/06	3507.96	-	-	18.16	0.00	3489.80
MW - 13		02/27/07	3507.96	-	-	18.01	0.00	3489.95
MW - 13		05/22/07	3507.96	-	-	17.80	0.00	3490.16
MW - 13		08/15/07	3507.96	-	-	18.53	0.00	3489.43
MW - 13		11/06/07	3507.96	-	-	18.31	0.00	3489.65
MW - 13		02/12/08	3507.96	-	-	18.18	0.00	3489.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 13		05/13/08	3507.96	-	-	18.13	0.00	3489.83
MW - 13		08/14/08	3507.96	-	-	18.92	0.00	3489.04
MW - 13		11/12/08	3507.96	-	-	18.45	0.00	3489.51
MW - 13		02/10/09	3507.96	-	-	18.29	0.00	3489.67
MW - 13		05/12/09	3507.96	-	-	18.24	0.00	3489.72
MW - 13		08/10/09	3507.96	-	-	18.96	0.00	3489.00
MW - 13		11/18/09	3507.96	-	-	19.14	0.00	3488.82
MW - 13		01/04/10	3507.96	-	-	19.02	0.00	3488.94
MW - 13		02/09/10	3507.96	-	-	18.91	0.00	3489.05
MW - 13		08/11/10	3507.96	-	-	18.52	0.00	3489.44
MW - 13		11/11/10	3507.96	-	-	19.16	0.00	3488.80
MW - 13		02/16/11	3507.96	-	-	19.19	0.00	3488.77
MW - 13		05/19/11	3507.96	-	-	19.17	0.00	3488.79
MW - 13		08/10/11	3507.96	-	-	19.25	0.00	3488.71
MW - 13		11/14/11	3507.96	-	-	19.24	0.00	3488.72
MW - 13		02/29/12	3507.96	-	-	18.96	0.00	3489.00
MW - 13		05/02/12	3507.96	-	-	18.96	0.00	3489.00
MW - 13		12/06/12	3507.96	-	-	19.23	0.00	3488.73
MW - 13		02/13/13	3507.96	-	-	19.12	0.00	3488.84
MW - 13		05/22/13	3507.96	-	-	19.50	0.00	3488.46
MW - 13		08/12/13	3507.96	-	-	19.84	0.00	3488.12
MW - 13		11/20/13	3507.96	24.98	-	19.91	0.00	3488.05
MW - 13	John Flores	02/04/14	3509.57	-	-	19.72	0.00	3489.85
MW - 13	Jose & Chance	05/14/14	3509.57	-	-	19.57	0.00	3490.00
MW - 13	Manny	07/22/14	3509.57	-	-	20.17	0.00	3489.40
MW - 13	David	08/05/14	3509.57	-	-	20.24	0.00	3489.33
MW - 13	Manny	10/27/14	3509.57	-	-	19.14	0.00	3490.43
MW - 13	Manny	11/19/14	3509.57	25.02	-	19.12	0.00	3490.45
MW - 13	Manny/Matt	02/09/15	3509.57	-	-	19.10	0.00	3490.47
MW - 13	Manny	03/20/15	3509.57	-	-	19.08	0.00	3490.49
MW - 13	Manny	04/04/15	3509.57	-	-	19.07	0.00	3490.50
MW - 13	Manny/Arthur	05/27/15	3509.57	-	-	18.93	0.00	3490.64
MW - 13	Carlos	07/09/15	3509.57	-	-	18.97	0.00	3490.60
MW - 13	Manny/Arthur	08/03/15	3509.57	-	-	19.25	0.00	3490.32
MW - 13	Manny	09/24/15	3509.57	-	-	19.49	0.00	3490.08
MW - 13	Manny	11/18/15	3509.57	24.99	-	19.12	0.00	3490.45
MW - 13	Manny	01/08/16	3509.57	-	-	19.01	0.00	3490.56
MW - 13	Manny	02/23/16	3509.57	-	-	18.93	0.00	3490.64
MW - 13	Manny	04/08/16	3509.57	-	-	18.84	0.00	3490.73
MW - 13	Manny	06/06/16	3509.57	-	-	18.89	0.00	3490.68
MW - 13	Carlos	06/28/16	3509.57	-	-	19.13	0.00	3490.44
MW - 13	Carlos	07/27/16	3509.57	-	-	19.44	0.00	3490.13
MW - 13	Manyy/ Wes	08/03/16	3509.57	-	-	19.49	0.00	3490.08
MW - 13	Manny	09/27/16	3509.57	-	-	18.44	0.00	3491.13
MW - 13	Manny	10/21/16	3509.57	-	-	18.44	0.00	3491.13
MW - 13	Manny	11/08/16	3509.57	24.97	-	18.48	0.00	3491.09
MW - 13	Manny	01/26/17	3509.57	-	-	18.53	0.00	3491.04
MW - 13	Manny	02/28/17	3509.57	-	-	18.51	0.00	3491.06
MW - 13	Wesley	03/15/17	3509.57	-	-	18.49	0.00	3491.08
MW - 13	Manny	05/23/17	3509.57	-	-	18.50	0.00	3491.07
MW - 13	Jeremy	07/20/17	3509.57	-	-	19.05	0.00	3490.52
MW - 13	Jeremy	08/16/17	3509.57	-	-	18.98	0.00	3490.59
MW - 13	Jeremy	09/13/17	3509.57	-	-	18.81	0.00	3490.76
MW - 13	Jeremy	10/12/17	3509.57	-	-	18.74	0.00	3490.83
MW - 13	Manny/ Jeremy	11/13/17	3509.57	24.92	-	18.65	0.00	3490.92
MW - 13	Jeremy	12/20/17	3509.57	-	-	18.58	0.00	3490.99
MW - 13	Jeremy	01/09/18	3509.57	-	-	18.55	0.00	3491.02
MW - 13	Jeremy	02/07/18	3509.57	-	-	18.54	0.00	3491.03
MW - 13	Jeremy	03/29/18	3509.57	-	-	18.49	0.00	3491.08
MW - 13	Jeremy	04/16/18	3509.57	-	-	18.46	0.00	3491.11
MW - 13	Jeremy	05/21/18	3509.57	-	-	18.65	0.00	3490.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 13	Jeremy	06/18/18	3509.57	-	-	18.93	0.00	3490.64
MW - 13	Jeremy	07/11/18	3509.57	-	-	19.10	0.00	3490.47
MW - 13	Jeremy/ Wesley	08/08/18	3509.57	-	-	19.29	0.00	3490.28
MW - 13	Jeremy	11/12/18	3509.57	24.69	-	19.10	0.00	3490.47
MW - 13	Jeremy	01/09/19	3509.57	-	-	18.89	0.00	3490.68
MW - 13	Jeremy	02/12/19	3509.57	-	-	18.85	0.00	3490.72
MW - 13	Elias	03/12/19	3509.57	-	-	18.78	0.00	3490.79
MW - 13	Elias	04/01/19	3509.57	-	-	18.73	0.00	3490.84
MW - 13	Elias	05/07/19	3509.57	-	-	18.65	0.00	3490.92
MW - 13	Elias	06/14/19	3509.57	-	-	18.89	0.00	3490.68
MW - 13	Elias	07/11/19	3509.57	-	-	19.19	0.00	3490.38
MW - 13	Elias	08/07/19	3509.57	-	-	19.37	0.00	3490.20
MW - 13	Elias	09/12/19	3509.57	-	-	19.54	0.00	3490.03
MW - 13	Elias	10/15/19	3509.57	-	-	19.39	0.00	3490.18
MW - 13	Elias	11/06/19	3509.57	24.65	-	19.21	0.00	3490.36
MW - 13	Elias	12/17/19	3509.57	-	-	19.08	0.00	3490.49
MW - 13	Elias	01/06/20	3509.57	-	-	19.02	0.00	3490.55
MW - 13	Elias	03/04/20	3509.57	-	-	18.92	0.00	3490.65
MW - 13	Manny	05/14/20	3509.57	-	-	18.70	0.00	3490.87
MW - 13	Manny	06/17/20	3509.57	-	-	19.12	0.00	3490.45
MW - 13	Manny	07/21/20	3509.57	-	-	19.42	0.00	3490.15
MW - 13	Manny	08/12/20	3509.57	-	-	19.55	0.00	3490.02
MW - 13	Manny	09/14/20	3509.57	-	-	19.68	0.00	3489.89
MW - 13	Manny	12/09/20	3509.57	24.63	-	19.79	0.00	3489.78
MW - 13	Manny	01/13/21	3509.57	-	-	19.75	0.00	3489.82
MW - 13	Manny	02/10/21	3509.57	-	-	19.68	0.00	3489.89
MW - 13	Manny	04/21/21	3509.57	-	-	19.57	0.00	3490.00
MW - 13	Manny	06/09/21	3509.57	-	-	19.58	0.00	3489.99
MW - 13	Manny	09/22/21	3509.57	-	-	19.87	0.00	3489.70
MW - 13	Manny	10/14/21	3509.57	-	-	19.91	0.00	3489.66
MW - 13	Manny	12/06/21	3509.57	25.57	-	19.96	0.00	3489.61
MW - 13	Manny	03/14/22	3509.57	-	-	19.85	0.00	3489.72
MW - 13	Manny	04/20/22	3509.57	-	-	19.83	0.00	3489.74
MW - 13	Manny	05/09/22	3509.57	-	-	19.91	0.00	3489.66
MW - 13	Manny	08/16/22	3509.57	-	-	20.32	0.00	3489.25
MW - 13	Manny	11/09/22	3509.57	24.50	-	20.16	0.00	3489.41
MW - 13	Manny	02/27/23	3509.57	-	-	19.82	0.00	3489.75
MW - 13	Manny	05/10/23	3509.57	-	-	19.76	0.00	3489.81
MW - 13	Manny	08/16/23	3509.57	-	-	20.30	0.00	3489.27
MW - 13	Manny	12/13/23	3509.57	24.52	-	20.03	0.00	3489.54
MW - 13	Manny	02/26/24	3509.57	24.52	-	19.82	0.00	3489.75
MW - 13	Manny	06/17/24	3509.57	24.52	-	20.15	0.00	3489.42
MW - 13	Manny	09/23/24	3509.57	-	-	20.61	0.00	3488.96
MW - 13	Manny	12/09/24	3509.57	24.46	-	20.42	0.00	3489.15
MW - 14		06/20/02	3507.46	-	19.57	20.52	0.95	3487.75
MW - 14		09/26/02	3507.46	-	19.74	21.62	1.88	3487.44
MW - 14		11/12/02	3507.46	-	19.81	22.04	2.23	3487.32
MW - 14		01/07/03	3507.46	-	19.52	22.06	2.54	3487.56
MW - 14		01/27/03	3507.46	-	19.57	20.92	1.35	3487.69
MW - 14		02/26/03	3507.46	-	19.53	20.37	0.84	3487.80
MW - 14		03/11/03	3507.46	-	19.61	20.43	0.82	3487.73
MW - 14		03/19/03	3507.46	-	19.58	20.40	0.82	3487.76
MW - 14		03/25/03	3507.46	-	19.54	20.53	0.99	3487.77
MW - 14		04/16/03	3507.46	-	19.55	20.12	0.57	3487.82
MW - 14		04/23/03	3507.46	-	19.51	20.36	0.85	3487.82
MW - 14		04/29/03	3507.46	-	19.49	20.35	0.86	3487.84
MW - 14		05/14/03	3507.46	-	19.63	20.55	0.92	3487.69
MW - 14		05/27/03	3507.46	-	19.80	20.81	1.01	3487.51
MW - 14		06/04/03	3507.46	-	19.18	20.36	1.18	3488.10
MW - 14		06/26/03	3507.46	-	19.42	19.98	0.56	3487.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		07/07/03	3507.46	-	20.20	21.08	0.88	3487.13
MW - 14		07/30/03	3507.46	-	20.24	21.17	0.93	3487.08
MW - 14		08/06/03	3507.46	-	20.47	21.55	1.08	3486.83
MW - 14		08/21/03	3507.46	-	20.66	21.18	0.52	3486.72
MW - 14		08/26/03	3507.46	-	20.72	21.75	1.03	3486.59
MW - 14		09/08/03	3507.46	-	20.62	21.16	0.54	3486.76
MW - 14		09/15/03	3507.46	-	21.02	21.40	0.38	3486.38
MW - 14		09/24/03	3507.46	-	20.89	21.60	0.71	3486.46
MW - 14		10/02/03	3507.46	-	20.73	21.84	1.11	3486.56
MW - 14		10/08/03	3507.46	-	20.63	21.07	0.44	3486.76
MW - 14		10/16/03	3507.46	-	20.93	22.06	1.13	3486.36
MW - 14		10/28/03	3507.46	-	21.00	22.09	1.09	3486.30
MW - 14		11/11/03	3507.46	-	21.07	22.10	1.03	3486.24
MW - 14		11/18/03	3507.46	-	20.78	21.78	1.00	3486.53
MW - 14		12/10/03	3507.46	-	20.62	21.23	0.61	3486.75
MW - 14		02/02/04	3507.46	-	21.00	22.05	1.05	3486.30
MW - 14		02/26/04	3507.46	-	20.59	21.67	1.08	3486.71
MW - 14		03/16/04	3507.46	-	20.75	21.94	1.19	3486.53
MW - 14		03/19/04	3507.46	-	20.76	21.94	1.18	3486.52
MW - 14		03/25/04	3507.46	-	20.75	21.90	1.15	3486.54
MW - 14		04/01/04	3507.46	-	20.69	22.04	1.35	3486.57
MW - 14		04/08/04	3507.46	-	20.70	21.84	1.14	3486.59
MW - 14		04/14/04	3507.46	-	19.91	21.78	1.87	3487.27
MW - 14		04/16/04	3507.46	-	20.03	21.91	1.88	3487.15
MW - 14		04/22/04	3507.46	-	19.17	21.12	1.95	3488.00
MW - 14		04/29/04	3507.46	-	19.16	21.27	2.11	3487.98
MW - 14		05/11/04	3507.46	-	19.09	21.53	2.44	3488.00
MW - 14		06/08/04	3507.46	-	19.21	21.94	2.73	3487.84
MW - 14		06/17/04	3507.46	-	19.16	21.89	2.73	3487.89
MW - 14		06/22/04	3507.46	-	19.19	21.87	2.68	3487.87
MW - 14		06/29/04	3507.46	-	19.17	21.90	2.73	3487.88
MW - 14		07/06/04	3507.46	-	19.18	22.15	2.97	3487.83
MW - 14		07/13/04	3507.46	-	19.22	22.17	2.95	3487.80
MW - 14		07/20/04	3507.46	-	19.37	22.42	3.05	3487.63
MW - 14		08/04/04	3507.46	-	19.36	22.43	3.07	3487.64
MW - 14		08/10/04	3507.46	-	19.39	22.41	3.02	3487.62
MW - 14		08/16/04	3507.46	-	sheen	19.57	0.00	3487.89
MW - 14		08/23/04	3507.46	-	19.50	22.00	2.50	3487.59
MW - 14		08/25/04	3507.46	-	19.50	21.63	2.13	3487.64
MW - 14		08/26/04	3507.46	-	19.51	21.53	2.02	3487.65
MW - 14		08/31/04	3507.46	-	19.96	21.96	2.00	3487.20
MW - 14		09/13/04	3507.46	-	19.76	20.61	0.85	3487.57
MW - 14		09/20/04	3507.46	-	19.83	21.20	1.37	3487.42
MW - 14		09/30/04	3507.46	-	19.89	21.14	1.25	3487.38
MW - 14		10/04/04	3507.46	-	19.32	20.21	0.89	3488.01
MW - 14		10/11/04	3507.46	-	18.98	19.79	0.81	3488.36
MW - 14		10/18/04	3507.46	-	19.57	20.09	0.52	3487.81
MW - 14		10/26/04	3507.46	-	19.50	20.10	0.60	3487.87
MW - 14		11/02/04	3507.46	-	19.00	19.99	0.99	3488.31
MW - 14		11/08/04	3507.46	-	19.00	21.30	2.30	3488.12
MW - 14		11/15/04	3507.46	-	18.94	21.00	2.06	3488.21
MW - 14		12/01/04	3507.46	-	18.90	21.09	2.19	3488.23
MW - 14		12/02/04	3507.46	-	18.90	21.10	2.20	3488.23
MW - 14		12/14/04	3507.46	-	18.77	21.00	2.23	3488.36
MW - 14		12/21/04	3507.46	-	18.70	21.22	2.52	3488.38
MW - 14		12/29/04	3507.46	-	18.73	21.10	2.37	3488.37
MW - 14		01/11/05	3507.46	-	18.69	20.73	2.04	3488.46
MW - 14		01/14/05	3507.46	-	18.93	21.00	2.07	3488.22
MW - 14		01/18/05	3507.46	-	18.85	21.26	2.41	3488.25
MW - 14		01/21/05	3507.46	-	18.49	20.95	2.46	3488.60
MW - 14		01/25/05	3507.46	-	18.44	21.26	2.82	3488.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		01/28/05	3507.46	-	18.59	20.39	1.80	3488.60
MW - 14		02/02/05	3507.46	-	18.46	21.01	2.55	3488.62
MW - 14		02/05/05	3507.46	-	18.88	20.27	1.39	3488.37
MW - 14		02/08/05	3507.46	-	18.40	20.75	2.35	3488.71
MW - 14		02/11/05	3507.46	-	18.49	20.40	1.91	3488.68
MW - 14		02/15/05	3507.46	-	18.40	20.60	2.20	3488.73
MW - 14		02/18/05	3507.46	-	18.61	20.11	1.50	3488.63
MW - 14		02/22/05	3507.46	-	18.39	20.39	2.00	3488.77
MW - 14		02/25/05	3507.46	-	18.38	20.11	1.73	3488.82
MW - 14		03/01/05	3507.46	-	18.33	20.23	1.90	3488.85
MW - 14		03/04/05	3507.46	-	18.37	19.96	1.59	3488.85
MW - 14		03/08/05	3507.46	-	18.31	20.11	1.80	3488.88
MW - 14		03/08/05	3507.46	-	18.31	20.11	1.80	3488.88
MW - 14		03/11/05	3507.46	-	18.50	19.00	0.50	3488.89
MW - 14		03/15/05	3507.46	-	18.43	19.11	0.68	3488.93
MW - 14		03/18/05	3507.46	-	18.46	19.06	0.60	3488.91
MW - 14		03/22/05	3507.46	-	18.38	18.92	0.54	3489.00
MW - 14		03/28/05	3507.46	-	18.29	18.98	0.69	3489.07
MW - 14		04/01/05	3507.46	-	18.32	19.03	0.71	3489.03
MW - 14		04/05/05	3507.46	-	18.19	19.11	0.92	3489.13
MW - 14		04/08/05	3507.46	-	18.14	19.04	0.90	3489.19
MW - 14		04/15/05	3507.46	-	18.17	19.00	0.83	3489.17
MW - 14		05/25/05	3507.46	-	17.90	19.50	1.60	3489.32
MW - 14		05/27/05	3507.46	-	18.22	19.06	0.84	3489.11
MW - 14		05/31/05	3507.46	-	18.01	18.67	0.66	3489.35
MW - 14		06/03/05	3507.46	-	17.95	18.60	0.65	3489.41
MW - 14		06/06/05	3507.46	-	17.94	18.44	0.50	3489.45
MW - 14		06/08/05	3507.46	-	17.94	18.44	0.50	3489.45
MW - 14		06/13/05	3507.46	-	17.94	18.36	0.42	3489.46
MW - 14		06/20/05	3507.46	-	17.95	18.55	0.60	3489.42
MW - 14		06/24/05	3507.46	-	17.93	18.70	0.77	3489.41
MW - 14		06/27/05	3507.46	-	17.99	18.55	0.56	3489.39
MW - 14		07/11/05	3507.46	-	17.97	19.31	1.34	3489.29
MW - 14		07/15/05	3507.46	-	18.20	18.99	0.79	3489.14
MW - 14		07/18/05	3507.46	-	18.05	19.56	1.51	3489.18
MW - 14		07/21/05	3507.46	-	18.25	18.95	0.70	3489.11
MW - 14		07/25/05	3507.46	-	18.15	19.80	1.65	3489.06
MW - 14		08/01/05	3507.46	-	18.16	19.44	1.28	3489.11
MW - 14		08/04/05	3507.46	-	18.39	18.81	0.42	3489.01
MW - 14		08/12/05	3507.46	-	18.52	19.98	1.46	3488.72
MW - 14		08/15/05	3507.46	-	18.20	19.85	1.65	3489.01
MW - 14		08/23/05	3507.46	-	18.08	19.15	1.07	3489.22
MW - 14		08/30/05	3507.46	-	18.10	18.90	0.80	3489.24
MW - 14		09/06/05	3507.46	-	17.90	19.74	1.84	3489.28
MW - 14		09/13/05	3507.46	-	17.90	19.90	2.00	3489.26
MW - 14		09/15/05	3507.46	-	17.96	19.52	1.56	3489.27
MW - 14		09/19/05	3507.46	-	17.96	18.91	0.95	3489.36
MW - 14		09/27/05	3507.46	-	17.90	20.20	2.30	3489.22
MW - 14		10/03/05	3507.46	-	18.29	19.10	0.81	3489.05
MW - 14		10/08/05	3507.46	-	18.81	19.69	0.88	3488.52
MW - 14		10/10/05	3507.46	-	17.97	19.80	1.83	3489.22
MW - 14		10/17/05	3507.46	-	17.82	20.21	2.39	3489.28
MW - 14		10/24/05	3507.46	-	17.95	20.05	2.10	3489.20
MW - 14		10/31/05	3507.46	-	18.05	19.82	1.77	3489.14
MW - 14		11/15/05	3507.46	-	17.90	19.90	2.00	3489.26
MW - 14		11/22/05	3507.46	-	17.90	19.23	1.33	3489.36
MW - 14		11/27/05	3507.46	-	17.92	18.80	0.88	3489.41
MW - 14		12/07/05	3507.46	-	17.93	18.68	0.75	3489.42
MW - 14		12/12/05	3507.46	-	17.89	18.96	1.07	3489.41
MW - 14		12/16/05	3507.46	-	17.80	19.00	1.20	3489.48
MW - 14		12/22/05	3507.46	-	17.99	19.00	1.01	3489.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		12/27/05	3507.46	-	17.90	18.82	0.92	3489.42
MW - 14		01/03/06	3507.46	-	17.90	18.80	0.90	3489.43
MW - 14		01/09/06	3507.46	-	17.95	18.60	0.65	3489.41
MW - 14		01/16/06	3507.46	-	17.93	18.76	0.83	3489.41
MW - 14		01/23/06	3507.46	-	17.94	18.63	0.69	3489.42
MW - 14		01/30/06	3507.46	-	17.99	18.60	0.61	3489.38
MW - 14		02/06/06	3507.46	-	17.95	18.85	0.90	3489.38
MW - 14		02/14/06	3507.46	-	17.90	18.61	0.71	3489.45
MW - 14		02/21/06	3507.46	-	17.86	18.66	0.80	3489.48
MW - 14		03/01/06	3507.46	-	17.89	18.61	0.72	3489.46
MW - 14		03/06/06	3507.46	-	17.90	18.42	0.52	3489.48
MW - 14		03/16/06	3507.46	-	17.91	18.48	0.57	3489.46
MW - 14		03/17/06	3507.46	-	17.90	18.80	0.90	3489.43
MW - 14		03/21/06	3507.46	-	17.90	18.90	1.00	3489.41
MW - 14		03/28/06	3507.46	-	17.93	18.81	0.88	3489.40
MW - 14		04/03/06	3507.46	-	17.83	18.42	0.59	3489.54
MW - 14		04/10/06	3507.46	-	17.81	18.45	0.64	3489.55
MW - 14		04/17/06	3507.46	-	17.82	18.48	0.66	3489.54
MW - 14		05/01/06	3507.46	-	17.74	18.50	0.76	3489.61
MW - 14		05/08/06	3507.46	-	17.81	18.67	0.86	3489.52
MW - 14		05/15/06	3507.46	-	17.86	18.41	0.55	3489.52
MW - 14		05/30/06	3507.46	-	18.18	20.11	1.93	3488.99
MW - 14		06/05/06	3507.46	-	18.15	19.51	1.36	3489.11
MW - 14		06/12/06	3507.46	-	18.34	19.44	1.10	3488.96
MW - 14		06/15/06	3507.46	-	16.02	19.24	3.22	3490.96
MW - 14		06/19/06	3507.46	-	18.31	19.58	1.27	3488.96
MW - 14		07/03/06	3507.46	-	18.41	19.78	1.37	3488.84
MW - 14		07/10/06	3507.46	-	18.39	19.46	1.07	3488.91
MW - 14		07/17/06	3507.46	-	18.24	19.51	1.27	3489.03
MW - 14		07/26/06	3507.46	-	18.31	20.10	1.79	3488.88
MW - 14		07/31/06	3507.46	-	18.39	19.58	1.19	3488.89
MW - 14		08/07/06	3507.46	-	18.46	19.59	1.13	3488.83
MW - 14		08/17/06	3507.46	-	18.43	18.96	0.53	3488.95
MW - 14		08/21/06	3507.46	-	18.46	18.91	0.45	3488.93
MW - 14		09/06/06	3507.46	-	17.91	20.28	2.37	3489.19
MW - 14		09/11/06	3507.46	-	17.91	19.79	1.88	3489.27
MW - 14		09/18/06	3507.46	-	17.92	19.74	1.82	3489.27
MW - 14		09/25/06	3507.46	-	17.91	20.18	2.27	3489.21
MW - 14		10/02/06	3507.46	-	17.89	20.16	2.27	3489.23
MW - 14		10/09/06	3507.46	-	17.90	20.50	2.60	3489.17
MW - 14		10/17/06	3507.46	-	18.20	19.44	1.24	3489.07
MW - 14		10/23/06	3507.46	-	17.91	20.04	2.13	3489.23
MW - 14		10/30/06	3507.46	-	17.90	20.00	2.10	3489.25
MW - 14		11/06/06	3507.46	-	17.94	20.26	2.32	3489.17
MW - 14		11/12/06	3507.46	-	18.10	19.79	1.69	3489.11
MW - 14		11/20/06	3507.46	-	17.98	19.52	1.54	3489.25
MW - 14		11/27/06	3507.46	-	17.91	19.76	1.85	3489.27
MW - 14		11/30/06	3507.46	-	18.02	19.30	1.28	3489.25
MW - 14		12/04/06	3507.46	-	18.02	19.85	1.83	3489.17
MW - 14		12/12/06	3507.46	-	18.11	19.24	1.13	3489.18
MW - 14		12/18/06	3507.46	-	17.98	19.02	1.04	3489.32
MW - 14		01/02/07	3507.46	-	17.97	19.03	1.06	3489.33
MW - 14		01/11/07	3507.46	-	17.94	18.78	0.84	3489.39
MW - 14		01/18/07	3507.46	-	17.96	18.68	0.72	3489.39
MW - 14		01/22/07	3507.46	-	17.98	18.87	0.89	3489.35
MW - 14		02/05/07	3507.46	-	17.97	18.72	0.75	3489.38
MW - 14		02/12/07	3507.46	-	17.88	18.60	0.72	3489.47
MW - 14		02/19/07	3507.46	-	17.90	18.56	0.66	3489.46
MW - 14		02/27/07	3507.46	-	17.72	18.90	1.18	3489.56
MW - 14		03/05/07	3507.46	-	18.01	18.97	0.96	3489.31
MW - 14		03/12/07	3507.46	-	17.89	18.55	0.66	3489.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		03/19/07	3507.46	-	17.88	18.59	0.71	3489.47
MW - 14		04/02/07	3507.46	-	17.89	19.13	1.24	3489.38
MW - 14		04/09/07	3507.46	-	17.81	18.51	0.70	3489.55
MW - 14		05/01/07	3507.46	-	17.84	18.96	1.12	3489.45
MW - 14		05/12/07	3507.46	-	17.80	18.96	1.16	3489.49
MW - 14		05/17/07	3507.46	-	17.64	18.55	0.91	3489.68
MW - 14		05/21/07	3507.46	-	17.64	19.01	1.37	3489.61
MW - 14		05/22/07	3507.46	-	17.64	19.01	1.37	3489.61
MW - 14		06/01/07	3507.46	-	17.64	18.74	1.10	3489.66
MW - 14		06/06/07	3507.46	-	17.61	18.78	1.17	3489.67
MW - 14		06/11/07	3507.46	-	17.74	18.95	1.21	3489.54
MW - 14		06/19/07	3507.46	-	17.77	18.72	0.95	3489.55
MW - 14		06/25/07	3507.46	-	17.86	18.62	0.76	3489.49
MW - 14		07/03/07	3507.46	-	18.03	18.84	0.81	3489.31
MW - 14		07/11/07	3507.46	-	18.24	19.23	0.99	3489.07
MW - 14		07/18/07	3507.46	-	18.24	19.23	0.99	3489.07
MW - 14		07/23/07	3507.46	-	18.21	19.11	0.90	3489.12
MW - 14		07/31/07	3507.46	-	18.31	19.96	1.65	3488.90
MW - 14		08/14/07	3507.46	-	18.31	19.71	1.40	3488.94
MW - 14		08/15/07	3507.46	-	18.37	19.01	0.64	3488.99
MW - 14		08/25/07	3507.46	-	18.39	19.51	1.12	3488.90
MW - 14		09/05/07	3507.46	-	18.46	19.86	1.40	3488.79
MW - 14		09/10/07	3507.46	-	18.40	19.26	0.86	3488.93
MW - 14		09/17/07	3507.46	-	18.11	19.31	1.20	3489.17
MW - 14		09/24/07	3507.46	-	18.03	19.46	1.43	3489.22
MW - 14		11/05/07	3507.46	-	18.02	20.13	2.11	3489.12
MW - 14		11/06/07	3507.46	-	18.13	19.59	1.46	3489.11
MW - 14		11/12/07	3507.46	-	18.10	19.76	1.66	3489.11
MW - 14		11/19/07	3507.46	-	18.10	19.25	1.15	3489.19
MW - 14		11/30/07	3507.46	-	18.13	18.93	0.80	3489.21
MW - 14		12/03/07	3507.46	-	18.14	18.78	0.64	3489.22
MW - 14		12/14/07	3507.46	-	18.11	18.57	0.46	3489.28
MW - 14		12/17/07	3507.46	-	18.13	18.72	0.59	3489.24
MW - 14		01/09/08	3507.46	-	18.04	18.85	0.81	3489.30
MW - 14		01/16/08	3507.46	-	18.10	18.88	0.78	3489.24
MW - 14		01/30/08	3507.46	-	18.01	18.90	0.89	3489.32
MW - 14		02/08/08	3507.46	-	18.13	19.06	0.93	3489.19
MW - 14		02/12/08	3507.46	-	18.05	18.72	0.67	3489.31
MW - 14		02/14/08	3507.46	-	18.06	18.75	0.69	3489.30
MW - 14		02/20/08	3507.46	-	18.01	18.56	0.55	3489.37
MW - 14		02/28/08	3507.46	-	18.02	18.69	0.67	3489.34
MW - 14		03/05/08	3507.46	-	18.02	18.60	0.58	3489.35
MW - 14		03/13/08	3507.45	-	18.00	18.64	0.64	3489.35
MW - 14		03/19/08	3507.46	-	18.04	18.62	0.58	3489.33
MW - 14		03/24/08	3507.46	-	18.02	18.63	0.61	3489.35
MW - 14		04/02/08	3507.46	-	18.02	18.59	0.57	3489.35
MW - 14		04/07/08	3507.46	-	17.99	18.31	0.32	3489.42
MW - 14		04/14/08	3507.46	-	18.02	18.45	0.43	3489.38
MW - 14		04/23/08	3507.46	-	17.98	18.51	0.53	3489.40
MW - 14		05/07/08	3507.46	-	18.00	18.51	0.51	3489.38
MW - 14		05/13/08	3507.46	-	18.00	18.51	0.51	3489.38
MW - 14		05/14/08	3507.46	-	18.00	18.55	0.55	3489.38
MW - 14		05/19/08	3507.46	-	18.02	18.55	0.53	3489.36
MW - 14		06/09/08	3507.46	-	18.28	18.98	0.70	3489.08
MW - 14		06/16/08	3507.46	-	18.02	19.07	1.05	3489.28
MW - 14		06/23/08	3507.46	-	18.45	19.43	0.98	3488.86
MW - 14		06/30/08	3507.46	-	18.53	19.25	0.72	3488.82
MW - 14		07/14/08	3507.46	-	18.54	19.58	1.04	3488.76
MW - 14		07/22/08	3507.46	-	18.74	20.02	1.28	3488.53
MW - 14		07/29/08	3507.46	-	18.64	19.31	0.67	3488.72
MW - 14		08/04/08	3507.46	-	18.66	19.79	1.13	3488.63

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		08/11/08	3507.46	-	18.72	19.53	0.81	3488.62
MW - 14		08/14/08	3507.46	-	18.76	19.49	0.73	3488.59
MW - 14		08/18/08	3507.46	-	18.72	19.46	0.74	3488.63
MW - 14		08/28/08	3507.46	-	18.63	19.61	0.98	3488.68
MW - 14		09/02/08	3507.46	-	18.52	19.46	0.94	3488.80
MW - 14		09/17/08	3507.46	-	18.29	20.26	1.97	3488.87
MW - 14		09/29/08	3507.46	-	18.32	20.26	1.94	3488.85
MW - 14		10/06/08	3507.46	-	18.30	20.02	1.72	3488.90
MW - 14		10/13/08	3507.46	-	18.36	19.82	1.46	3488.88
MW - 14		10/20/08	3507.46	-	18.23	19.80	1.57	3488.99
MW - 14		10/29/08	3507.46	-	18.31	19.34	1.03	3489.00
MW - 14		10/30/08	3507.46	-	18.33	18.78	0.45	3489.06
MW - 14		11/06/08	3507.46	-	18.29	19.10	0.81	3489.05
MW - 14		11/12/08	3507.46	-	18.29	19.01	0.72	3489.06
MW - 14		11/13/08	3507.46	-	18.29	19.01	0.72	3489.06
MW - 14		12/16/08	3507.46	-	18.35	19.26	0.91	3488.97
MW - 14		12/19/08	3507.46	-	18.27	18.93	0.66	3489.09
MW - 14		12/22/08	3507.46	-	18.22	18.94	0.72	3489.13
MW - 14		01/06/09	3507.46	-	18.20	18.99	0.79	3489.14
MW - 14		01/12/09	3507.46	-	18.24	18.81	0.57	3489.13
MW - 14		01/19/09	3507.46	-	18.15	18.61	0.46	3489.24
MW - 14		01/22/09	3507.46	-	18.24	18.69	0.45	3489.15
MW - 14		01/26/09	3507.46	-	18.24	18.73	0.49	3489.15
MW - 14		02/10/09	3507.46	-	18.15	18.77	0.62	3489.22
MW - 14		02/13/09	3507.46	-	18.21	18.68	0.47	3489.18
MW - 14		02/16/09	3507.46	-	18.25	18.69	0.44	3489.14
MW - 14		02/24/09	3507.46	-	18.30	18.71	0.41	3489.10
MW - 14		03/02/09	3507.46	-	18.17	18.51	0.34	3489.24
MW - 14		03/05/09	3507.46	-	18.15	19.00	0.85	3489.18
MW - 14		03/09/09	3507.46	-	18.17	18.76	0.59	3489.20
MW - 14		03/16/09	3507.46	-	18.20	18.75	0.55	3489.18
MW - 14		03/19/09	3507.46	-	18.21	18.47	0.26	3489.21
MW - 14		03/25/09	3507.46	-	18.22	18.46	0.24	3489.20
MW - 14		03/30/09	3507.46	-	18.23	18.47	0.24	3489.19
MW - 14		04/13/09	3507.46	-	18.12	18.91	0.79	3489.22
MW - 14		04/16/09	3507.46	-	18.26	18.40	0.14	3489.18
MW - 14		04/21/09	3507.46	-	18.26	18.39	0.13	3489.18
MW - 14		04/27/09	3507.46	-	18.05	18.63	0.58	3489.32
MW - 14		04/30/09	3507.46	-	18.26	18.37	0.11	3489.18
MW - 14		05/06/09	3507.46	-	18.25	18.36	0.11	3489.19
MW - 14		05/12/09	3507.46	-	18.19	18.43	0.24	3489.23
MW - 14		05/19/09	3507.46	-	18.19	18.71	0.52	3489.19
MW - 14		05/19/09	3507.46	-	18.30	18.79	0.49	3489.09
MW - 14		06/01/09	3507.46	-	18.34	18.78	0.44	3489.05
MW - 14		06/05/09	3507.46	-	18.38	18.80	0.42	3489.02
MW - 14		06/12/09	3507.46	-	18.39	18.84	0.45	3489.00
MW - 14		06/15/09	3507.46	-	18.42	18.88	0.46	3488.97
MW - 14		06/22/09	3507.46	-	18.46	19.01	0.55	3488.92
MW - 14		06/24/09	3507.46	-	18.50	18.89	0.39	3488.90
MW - 14		06/29/09	3507.46	-	18.62	19.14	0.52	3488.76
MW - 14		07/06/09	3507.46	-	18.64	19.20	0.56	3488.74
MW - 14		07/09/09	3507.46	-	18.21	18.71	0.50	3489.18
MW - 14		07/13/09	3507.46	-	18.22	18.69	0.47	3489.17
MW - 14		07/20/09	3507.46	-	18.23	18.70	0.47	3489.16
MW - 14		07/23/09	3507.46	-	18.75	19.23	0.48	3488.64
MW - 14		07/27/09	3507.46	-	18.76	19.22	0.46	3488.63
MW - 14		07/29/09	3507.46	-	18.69	19.90	1.21	3488.59
MW - 14		08/03/09	3507.46	-	18.68	19.76	1.08	3488.62
MW - 14		08/10/09	3507.46	-	18.67	19.76	1.09	3488.63
MW - 14		08/10/09	3507.46	-	18.67	19.76	1.09	3488.63
MW - 14		08/18/09	3507.46	-	18.80	20.00	1.20	3488.48

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		08/24/09	3507.46	-	18.79	20.05	1.26	3488.48
MW - 14		08/28/09	3507.46	-	18.80	19.87	1.07	3488.50
MW - 14		08/31/09	3507.46	-	18.86	19.66	0.80	3488.48
MW - 14		09/02/09	3507.46	-	18.85	19.43	0.58	3488.52
MW - 14		09/08/09	3507.46	-	18.92	19.75	0.83	3488.42
MW - 14		09/10/09	3507.46	-	18.92	19.86	0.94	3488.40
MW - 14		09/16/09	3507.46	-	18.89	19.79	0.90	3488.44
MW - 14		09/18/09	3507.46	-	18.90	19.80	0.90	3488.43
MW - 14		09/22/09	3507.46	-	18.94	19.67	0.73	3488.41
MW - 14		09/28/09	3507.46	-	18.74	19.85	1.11	3488.55
MW - 14		10/09/09	3507.46	-	18.97	20.59	1.62	3488.25
MW - 14		10/12/09	3507.46	-	18.22	18.68	0.46	3489.17
MW - 14		10/15/09	3507.46	-	18.98	20.17	1.19	3488.30
MW - 14		10/20/09	3507.46	-	18.97	20.01	1.04	3488.33
MW - 14		10/26/09	3507.46	-	18.23	18.67	0.44	3489.16
MW - 14		10/28/09	3507.46	-	18.98	19.92	0.94	3488.34
MW - 14		11/03/09	3507.46	-	18.99	19.69	0.70	3488.37
MW - 14		11/12/09	3507.46	-	18.95	19.90	0.95	3488.37
MW - 14		11/18/09	3507.46	-	19.00	19.62	0.62	3488.37
MW - 14		12/03/09	3507.46	-	18.96	19.95	0.99	3488.35
MW - 14		12/11/09	3507.46	-	18.93	19.94	1.01	3488.38
MW - 14		12/16/09	3507.46	-	18.92	19.77	0.85	3488.41
MW - 14		12/21/09	3507.46	-	19.10	20.11	1.01	3488.21
MW - 14		12/28/09	3507.46	-	18.92	19.37	0.45	3488.47
MW - 14		01/04/10	3507.46	-	18.94	19.69	0.75	3488.41
MW - 14		01/14/10	3507.46	-	18.88	19.70	0.82	3488.46
MW - 14		01/20/10	3507.46	-	18.85	19.66	0.81	3488.49
MW - 14		01/25/10	3507.46	-	18.84	19.20	0.36	3488.57
MW - 14		01/27/10	3507.46	-	18.85	19.47	0.62	3488.52
MW - 14		02/01/10	3507.46	-	18.86	19.33	0.47	3488.53
MW - 14		02/08/10	3507.46	-	18.79	19.21	0.42	3488.61
MW - 14		02/08/10	3507.46	-	sheen	19.97	0.00	3487.49
MW - 14		02/09/10	3507.46	-	18.89	19.24	0.35	3488.52
MW - 14		02/19/10	3507.46	-	18.72	19.23	0.51	3488.66
MW - 14		02/26/10	3507.46	-	18.79	19.22	0.43	3488.61
MW - 14		03/01/10	3507.46	-	18.82	19.19	0.37	3488.58
MW - 14		03/04/10	3507.46	-	18.72	19.13	0.41	3488.68
MW - 14		03/08/10	3507.46	-	18.72	19.05	0.33	3488.69
MW - 14		03/11/10	3507.46	-	18.69	18.96	0.27	3488.73
MW - 14		03/15/10	3507.46	-	18.72	19.16	0.44	3488.67
MW - 14		03/17/10	3507.46	-	18.66	18.92	0.26	3488.76
MW - 14		03/22/10	3507.46	-	18.68	18.89	0.21	3488.75
MW - 14		03/29/10	3507.46	-	18.58	18.90	0.32	3488.83
MW - 14		04/05/10	3507.46	-	18.58	19.03	0.45	3488.81
MW - 14		04/14/10	3507.46	-	18.58	18.96	0.38	3488.82
MW - 14		04/16/10	3507.46	-	18.51	18.93	0.42	3488.89
MW - 14		04/19/10	3507.46	-	18.55	18.90	0.35	3488.86
MW - 14		04/28/10	3507.46	-	18.48	18.79	0.31	3488.93
MW - 14		05/05/10	3507.46	-	18.43	18.75	0.32	3488.98
MW - 14		05/12/10	3507.46	-	18.51	18.84	0.33	3488.90
MW - 14		05/14/10	3507.46	-	18.51	18.84	0.33	3488.90
MW - 14		05/21/10	3507.46	-	18.53	18.82	0.29	3488.89
MW - 14		05/26/10	3507.46	-	18.49	18.85	0.36	3488.92
MW - 14		06/04/10	3507.46	-	18.55	18.81	0.26	3488.87
MW - 14		06/07/10	3507.46	-	18.66	19.15	0.49	3488.73
MW - 14		06/12/10	3507.46	-	18.69	19.25	0.56	3488.69
MW - 14		06/24/10	3507.46	-	18.92	19.61	0.69	3488.44
MW - 14		06/30/10	3507.46	-	18.87	19.40	0.53	3488.51
MW - 14		07/07/10	3507.46	-	18.12	19.51	1.39	3489.13
MW - 14		07/12/10	3507.46	-	18.01	19.53	1.52	3489.22
MW - 14		07/19/10	3507.46	-	17.96	19.47	1.51	3489.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		07/26/10	3507.46	-	-	-	-	-
MW - 14		08/03/10	3507.46	-	17.91	19.38	1.47	3489.33
MW - 14		08/11/10	3507.46	-	17.98	19.42	1.44	3489.26
MW - 14		08/19/10	3507.46	-	18.09	18.72	0.63	3489.28
MW - 14		08/25/10	3507.46	-	18.15	19.10	0.95	3489.17
MW - 14		09/01/10	3507.46	-	18.18	18.81	0.63	3489.19
MW - 14		09/09/10	3507.46	-	18.27	19.22	0.95	3489.05
MW - 14		09/13/10	3507.46	-	17.97	19.40	1.43	3489.28
MW - 14		09/29/10	3507.46	-	18.40	19.35	0.95	3488.92
MW - 14		10/05/10	3507.46	-	17.95	19.37	1.42	3489.30
MW - 14		10/20/10	3507.46	-	18.69	19.40	0.71	3488.66
MW - 14		10/25/10	3507.46	-	18.69	19.40	0.71	3488.66
MW - 14		11/03/10	3507.46	-	18.02	19.46	1.44	3489.22
MW - 14		11/10/10	3507.46	-	18.48	19.46	0.98	3488.83
MW - 14		11/12/10	3507.46	-	18.48	19.64	1.16	3488.81
MW - 14		12/09/10	3507.46	-	17.94	18.44	0.50	3489.45
MW - 14		01/18/11	3507.46	-	18.48	19.65	1.17	3488.80
MW - 14		02/16/11	3507.46	-	18.46	19.68	1.22	3488.82
MW - 14		03/01/11	3507.46	-	18.24	19.86	1.62	3488.98
MW - 14		03/07/11	3507.46	-	18.22	19.85	1.63	3489.00
MW - 14		03/22/11	3507.46	-	18.44	19.65	1.21	3488.84
MW - 14		04/27/11	3507.46	-	18.31	19.84	1.53	3488.92
MW - 14		05/05/11	3507.46	-	18.42	19.40	0.98	3488.89
MW - 14		05/10/11	3507.46	-	18.38	19.25	0.87	3488.95
MW - 14		05/17/11	3507.46	-	18.35	19.41	1.06	3488.95
MW - 14		05/19/11	3507.46	-	18.35	19.41	1.06	3488.95
MW - 14		05/24/11	3507.46	-	18.44	19.48	1.04	3488.86
MW - 14		06/07/11	3507.46	-	18.63	19.87	1.24	3488.64
MW - 14		06/08/11	3507.46	-	18.62	19.79	1.17	3488.66
MW - 14		06/14/11	3507.46	-	18.59	19.60	1.01	3488.72
MW - 14		06/23/11	3507.46	-	18.68	19.62	0.94	3488.64
MW - 14		06/28/11	3507.46	-	18.78	19.86	1.08	3488.52
MW - 14		07/06/11	3507.46	-	18.84	20.01	1.17	3488.44
MW - 14		07/14/11	3507.46	-	18.91	19.82	0.91	3488.41
MW - 14		07/20/11	3507.46	-	18.98	19.85	0.87	3488.35
MW - 14		07/27/11	3507.46	-	18.98	19.73	0.75	3488.37
MW - 14		08/03/11	3507.46	-	19.00	19.71	0.71	3488.35
MW - 14		08/10/11	3507.46	-	19.02	19.58	0.56	3488.36
MW - 14		08/18/11	3507.46	-	19.02	19.75	0.73	3488.33
MW - 14		08/25/11	3507.46	-	19.10	19.82	0.72	3488.25
MW - 14		09/07/11	3507.46	-	19.16	19.90	0.74	3488.19
MW - 14		09/14/11	3507.46	-	19.19	19.94	0.75	3488.16
MW - 14		11/14/11	3507.46	-	19.08	20.00	0.92	3488.24
MW - 14		12/01/11	3507.46	-	19.04	20.26	1.22	3488.24
MW - 14		12/08/11	3507.46	-	19.01	20.01	1.00	3488.30
MW - 14		12/14/11	3507.46	-	19.03	20.02	0.99	3488.28
MW - 14		01/12/12	3507.46	-	19.00	19.90	0.90	3488.33
MW - 14		01/19/12	3507.46	-	18.93	19.82	0.89	3488.40
MW - 14		02/03/12	3507.46	-	18.91	19.85	0.94	3488.41
MW - 14		02/29/12	3507.46	-	18.79	19.83	1.04	3488.51
MW - 14		03/14/12	3507.46	-	18.76	19.71	0.95	3488.56
MW - 14		03/19/12	3507.46	-	18.77	19.46	0.69	3488.59
MW - 14		03/29/12	3507.46	-	18.73	19.43	0.70	3488.63
MW - 14		04/05/12	3507.46	-	18.71	19.42	0.71	3488.64
MW - 14		04/18/12	3507.46	-	18.67	19.36	0.69	3488.69
MW - 14		04/27/12	3507.46	-	18.71	19.42	0.71	3488.64
MW - 14		05/02/12	3507.46	-	18.72	19.40	0.68	3488.64
MW - 14		05/31/12	3507.46	-	18.69	19.62	0.93	3488.63
MW - 14		06/08/12	3507.46	-	18.73	19.50	0.77	3488.61
MW - 14		06/12/12	3507.46	-	18.81	19.62	0.81	3488.53
MW - 14		06/21/12	3507.46	-	18.81	19.63	0.82	3488.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14		06/29/12	3507.46	-	18.82	19.81	0.99	3488.49
MW - 14		07/13/12	3507.46	-	19.03	20.04	1.01	3488.28
MW - 14		12/06/12	3507.46	-	19.82	20.58	0.76	3487.53
MW - 14		12/11/12	3507.46	-	19.84	20.44	0.60	3487.53
MW - 14		12/18/12	3507.46	-	19.83	19.97	0.14	3487.61
MW - 14		01/09/13	3507.46	-	19.78	20.05	0.27	3487.64
MW - 14		01/15/13	3507.46	-	19.79	19.93	0.14	3487.65
MW - 14		01/23/13	3507.46	-	19.78	19.91	0.13	3487.66
MW - 14		01/29/13	3507.46	-	19.76	19.91	0.15	3487.68
MW - 14		02/07/13	3507.46	-	19.79	19.93	0.14	3487.65
MW - 14		02/13/13	3507.46	-	19.74	19.83	0.09	3487.71
MW - 14		02/20/13	3507.46	-	19.25	19.84	0.59	3488.12
MW - 14		03/15/13	3507.46	-	19.73	20.39	0.66	3487.63
MW - 14		03/19/13	3507.46	-	19.71	20.10	0.39	3487.69
MW - 14		04/02/13	3507.46	-	19.66	19.85	0.19	3487.77
MW - 14		04/09/13	3507.46	-	19.65	19.75	0.10	3487.80
MW - 14		04/16/13	3507.46	-	19.64	19.86	0.22	3487.79
MW - 14		04/23/13	3507.46	-	19.65	19.71	0.06	3487.80
MW - 14		04/30/13	3507.46	-	19.60	20.60	1.00	3487.71
MW - 14		05/08/13	3507.46	-	19.61	19.70	0.09	3487.84
MW - 14		05/14/13	3507.46	-	19.60	19.86	0.26	3487.82
MW - 14		05/22/13	3507.46	-	19.57	19.76	0.19	3487.86
MW - 14		06/04/13	3507.46	-	19.58	19.83	0.25	3487.84
MW - 14		06/11/13	3507.46	-	19.67	19.76	0.09	3487.78
MW - 14		06/19/13	3507.46	-	19.77	19.84	0.07	3487.68
MW - 14		06/28/13	3507.46	-	19.94	20.06	0.12	3487.50
MW - 14		07/01/13	3507.46	-	19.87	19.99	0.12	3487.57
MW - 14		07/08/13	3507.46	-	19.98	20.10	0.12	3487.46
MW - 14		07/23/13	3507.46	-	19.99	20.18	0.19	3487.44
MW - 14		07/30/13	3507.46	-	19.95	20.17	0.22	3487.48
MW - 14		08/05/13	3507.46	-	19.97	20.15	0.18	3487.46
MW - 14		08/12/13	3507.46	-	19.92	20.18	0.26	3487.50
MW - 14		08/22/13	3507.46	-	20.06	20.45	0.39	3487.34
MW - 14		08/29/13	3507.46	-	20.05	20.47	0.42	3487.35
MW - 14		09/05/13	3507.46	-	20.07	20.43	0.36	3487.34
MW - 14		09/10/13	3507.46	-	20.13	20.48	0.35	3487.28
MW - 14		09/17/13	3507.46	-	20.16	20.54	0.38	3487.24
MW - 14		09/24/13	3507.46	-	20.16	20.54	0.38	3487.24
MW - 14		10/07/13	3507.46	-	20.22	20.63	0.41	3487.18
MW - 14		11/14/13	-	-	22.85	23.12	0.27	-
MW - 14		11/21/13	-	-	22.81	23.23	0.42	-
MW - 14		12/12/13	-	-	22.71	23.13	0.42	-
MW - 14		12/19/13	-	-	22.70	22.93	0.23	-
MW - 14		01/03/14	-	-	22.63	23.14	0.51	-
MW - 14		01/09/14	-	-	22.64	23.07	0.43	-
MW - 14		01/13/14	-	-	22.67	23.15	0.48	-
MW - 14		01/21/14	-	-	22.61	23.03	0.42	-
MW - 14		01/24/14	-	-	22.64	23.11	0.47	-
MW - 14	John Flores	02/04/14	3511.85	-	22.57	22.98	0.41	3489.22
MW - 14		02/10/14	3511.85	-	22.42	23.24	0.82	3489.31
MW - 14	David F.	02/27/14	3511.85	-	22.51	22.90	0.39	3489.28
MW - 14	David F.	03/17/14	3511.85	-	22.50	22.88	0.38	3489.29
MW - 14	David F.	03/27/14	3511.85	-	22.48	23.40	0.92	3489.23
MW - 14	David & Jose	04/02/14	3511.85	-	22.51	22.63	0.12	3489.32
MW - 14	Manny & Lira	04/16/14	3511.85	-	22.38	22.81	0.43	3489.41
MW - 14	Manny & Chanc	04/22/14	3511.85	-	22.40	22.70	0.30	3489.41
MW - 14	David & Justin	04/28/14	3511.85	-	22.48	22.70	0.22	3489.34
MW - 14	Manny & Chanc	05/06/14	3511.85	-	22.39	22.61	0.22	3489.43
MW - 14	Manny	05/13/14	3511.85	-	22.45	22.85	0.40	3489.34
MW - 14	Jose & Chance	05/14/14	3511.85	-	22.44	22.75	0.31	3489.36
MW - 14	Manny	05/21/14	3511.85	-	22.41	23.33	0.92	3489.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Manny & Chanc	06/05/14	3511.85	-	22.51	22.99	0.48	3489.27
MW - 14	Manny	06/11/14	3511.85	-	22.57	22.97	0.40	3489.22
MW - 14	Manny	06/16/14	3511.85	-	22.66	22.75	0.09	3489.18
MW - 14	Manny	06/24/14	3511.85	-	22.75	23.00	0.25	3489.06
MW - 14	Manny	07/01/14	3511.85	-	22.92	23.14	0.22	3488.90
MW - 14	David	07/08/14	3511.85	-	22.95	23.08	0.13	3488.88
MW - 14	Manny	07/15/14	3511.85	-	22.95	23.70	0.75	3488.79
MW - 14	Manny	07/22/14	3511.85	-	23.03	24.00	0.97	3488.67
MW - 14	Manny	07/23/14	3511.85	-	23.03	24.00	0.97	3488.67
MW - 14	Manny	07/31/14	3511.85	-	23.00	23.95	0.95	3488.71
MW - 14	David	08/05/14	3511.85	-	23.04	23.32	0.28	3488.77
MW - 14	Manny	08/07/14	3511.85	-	23.02	23.38	0.36	3488.78
MW - 14	Manny	08/15/14	3511.85	-	23.07	23.95	0.88	3488.65
MW - 14	Manny	08/20/14	3511.85	-	23.07	23.67	0.60	3488.69
MW - 14	Manny	08/27/14	3511.85	-	23.10	24.20	1.10	3488.59
MW - 14	Manny	09/24/14	3511.85	-	22.38	22.65	0.27	3489.43
MW - 14	Manny	10/01/14	3511.85	-	21.97	22.31	0.34	3489.83
MW - 14	Manny	10/07/14	3511.85	-	21.91	22.02	0.11	3489.92
MW - 14	Manny	10/14/14	3511.85	-	21.88	22.07	0.19	3489.94
MW - 14	Manny	10/20/14	3511.85	-	21.87	22.16	0.29	3489.94
MW - 14	Manny	10/27/14	3511.85	-	21.85	21.92	0.07	3489.99
MW - 14	Manny	11/03/14	3511.85	-	-	-	-	-
MW - 14	Manny	11/11/14	3511.85	-	22.12	22.98	0.86	-
MW - 14	Manny	11/19/14	3511.85	-	21.83	23.79	1.96	3489.73
MW - 14	Manny	12/08/14	3511.85	-	21.89	22.40	0.51	3489.88
MW - 14	Manny	12/15/14	3511.85	-	21.89	22.04	0.15	3489.94
MW - 14	Manny	12/18/14	3511.85	-	21.88	21.95	0.07	3489.96
MW - 14	Manny	12/22/14	3511.85	-	21.82	21.95	0.13	3490.01
MW - 14	Manny	12/29/14	3511.85	-	21.89	21.96	0.07	3489.95
MW - 14	Manny	01/05/15	3511.85	-	21.90	21.93	0.03	3489.95
MW - 14	Manny	01/12/15	3511.85	-	21.95	21.97	0.02	3489.90
MW - 14	Manny	01/19/15	3511.85	-	-	21.89	0.00	3489.96
MW - 14	Manny	02/04/15	3511.85	-	-	21.91	0.00	3489.94
MW - 14	Manny/Matt	02/09/15	3511.85	31.36	-	21.87	0.00	3489.98
MW - 14	Carlos/Matt	02/19/15	3511.85	-	21.89	21.90	0.01	3489.96
MW - 14	Manny/Art	03/03/15	3511.85	-	-	21.85	0.00	3490.00
MW - 14	Manny/Matt	03/09/15	3511.85	-	-	21.90	0.00	3489.95
MW - 14	Carlos	03/16/15	3511.85	-	-	21.88	0.00	3489.97
MW - 14	Manny	03/20/15	3511.85	-	-	21.93	0.00	3489.92
MW - 14	Carlos	03/23/15	3511.85	-	-	21.87	0.00	3489.98
MW - 14	Manny/Art	03/30/15	3511.85	-	-	21.87	0.00	3489.98
MW - 14	Manny	04/04/15	3511.85	-	-	21.91	0.00	3489.94
MW - 14	Manny/Art	04/07/15	3511.85	-	-	21.89	0.00	3489.96
MW - 14	Manny/Art	04/14/15	3511.85	-	-	21.90	0.00	3489.95
MW - 14	Carlos/Matt	04/20/15	3511.85	-	-	21.83	0.00	3490.02
MW - 14	Manny/Art	04/27/15	3511.85	-	-	21.87	0.00	3489.98
MW - 14	Carlos	05/07/15	3511.85	-	-	21.84	0.00	3490.01
MW - 14	Carlos	05/11/15	3511.85	-	-	21.86	0.00	3489.99
MW - 14	Carlos	05/21/15	3511.85	-	-	21.78	0.00	3490.07
MW - 14	Manny/Art	05/27/15	3511.85	31.32	-	21.75	0.00	3490.10
MW - 14	Carlos	05/28/15	3511.85	-	-	21.81	0.00	3490.04
MW - 14	Manny	06/03/15	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Manny	06/08/15	3511.85	-	-	21.76	0.00	3490.09
MW - 14	Manny	06/15/15	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Arthur	06/25/15	3511.85	-	-	21.75	0.00	3490.10
MW - 14	Manny/Arthur	06/29/15	3511.85	-	-	21.69	0.00	3490.16
MW - 14	Manny	07/08/15	3511.85	-	-	21.79	0.00	3490.06
MW - 14	Carlos	07/09/15	3511.85	-	-	21.74	0.00	3490.11
MW - 14	Manny	07/14/15	3511.85	-	-	21.81	0.00	3490.04
MW - 14	Arthur	07/20/15	3511.85	-	-	21.88	0.00	3489.97
MW - 14	Manny	07/28/15	3511.85	-	-	22.01	0.00	3489.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Manny/Arthur	08/03/15	3511.85	31.21	-	22.22	0.00	3489.63
MW - 14	Carlos	08/04/15	3511.85	-	-	22.09	0.00	3489.76
MW - 14	Carlos	08/10/15	3511.85	-	-	22.11	0.00	3489.74
MW - 14	Carlos	08/17/15	3511.85	-	-	22.13	0.00	3489.72
MW - 14	Carlos	08/25/15	3511.85	-	-	22.26	0.00	3489.59
MW - 14	Arthur/Carlos	08/31/15	3511.85	-	-	22.22	0.00	3489.63
MW - 14	Carlos	09/08/15	3511.85	-	-	22.17	0.00	3489.68
MW - 14	Carlos	09/15/15	3511.85	-	-	22.20	0.00	3489.65
MW - 14	Manny	09/24/15	3511.85	-	-	22.38	0.00	3489.47
MW - 14	Manny	09/28/15	3511.85	-	-	23.35	0.00	3488.50
MW - 14	Manny	10/06/15	3511.85	-	-	22.33	0.00	3489.52
MW - 14	Carlos	10/12/15	3511.85	-	-	22.24	0.00	3489.61
MW - 14	Manny	10/26/15	3511.85	-	-	22.13	0.00	3489.72
MW - 14	Manny	11/06/15	3511.85	-	-	22.02	0.00	3489.83
MW - 14	Carlos	11/10/15	3511.85	-	-	21.96	0.00	3489.89
MW - 14	Manny	11/18/15	3511.85	31.24	-	22.06	0.00	3489.79
MW - 14	Carlos	12/02/15	3511.85	-	-	21.94	0.00	3489.91
MW - 14	Carlos	12/07/15	3511.85	-	-	22.02	0.00	3489.83
MW - 14	Carlos	12/14/15	3511.85	-	-	21.88	0.00	3489.97
MW - 14	Carlos	01/05/16	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Manny	01/08/16	3511.85	-	-	21.82	0.00	3490.03
MW - 14	Manny	01/12/16	3511.85	-	-	21.88	0.00	3489.97
MW - 14	Carlos	01/18/16	3511.85	-	-	21.82	0.00	3490.03
MW - 14	Carlos	01/25/16	3511.85	-	-	21.83	0.00	3490.02
MW - 14	Carlos	02/01/16	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Carlos	02/08/16	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Carlos	02/19/16	3511.85	-	-	21.77	0.00	3490.08
MW - 14	Manny	02/23/16	3511.85	31.25	-	21.73	0.00	3490.12
MW - 14	Manny	03/03/16	3511.85	-	-	21.79	0.00	3490.06
MW - 14	Carlos	03/07/16	3511.85	-	-	21.69	0.00	3490.16
MW - 14	Carlos	03/15/16	3511.85	-	-	21.71	0.00	3490.14
MW - 14	Manny	03/21/16	3511.85	-	-	21.67	0.00	3490.18
MW - 14	Carlos	03/28/16	3511.85	-	-	21.63	0.00	3490.22
MW - 14	Carlos	04/05/16	3511.85	-	-	21.61	0.00	3490.24
MW - 14	Manny	04/08/16	3511.85	-	-	21.66	0.00	3490.19
MW - 14	Carlos	04/12/16	3511.85	-	-	21.65	0.00	3490.20
MW - 14	Carlos	04/18/16	3511.85	-	-	21.66	0.00	3490.19
MW - 14	Carlos	04/25/16	3511.85	-	-	21.57	0.00	3490.28
MW - 14	Carlos	05/02/16	3511.85	-	-	21.58	0.00	3490.27
MW - 14	Carlos	05/23/16	3511.85	-	-	21.54	0.00	3490.31
MW - 14	Carlos	06/01/16	3511.85	-	-	21.67	0.00	3490.18
MW - 14	Manny	06/06/16	3511.85	31.23	-	21.66	0.00	3490.19
MW - 14	Carlos	06/09/16	3511.85	-	-	21.64	0.00	3490.21
MW - 14	Carlos	06/28/16	3511.85	-	-	21.93	0.00	3489.92
MW - 14	Manny	07/12/16	3511.85	-	-	22.06	0.00	3489.79
MW - 14	Carlos	07/19/16	3511.85	-	-	22.16	0.00	3489.69
MW - 14	Carlos	07/27/16	3511.85	-	-	22.24	0.00	3489.61
MW - 14	Manny/ Wes	08/03/16	3511.85	31.11	-	22.24	0.00	3489.61
MW - 14	Carlos	08/04/16	3511.85	-	-	22.26	0.00	3489.59
MW - 14	Carlos	08/08/16	3511.85	-	-	22.26	0.00	3489.59
MW - 14	Carlos	08/16/16	3511.85	-	-	22.34	0.00	3489.51
MW - 14	Carlos	08/23/16	3511.85	-	-	22.33	0.00	3489.52
MW - 14	Manny	08/31/16	3511.85	-	-	22.07	0.00	3489.78
MW - 14	Carlos	09/14/16	3511.85	-	-	21.39	0.00	3490.46
MW - 14	Carlos	09/22/16	3511.85	-	-	21.20	0.00	3490.65
MW - 14	Manny	09/27/16	3511.85	-	-	21.11	0.00	3490.74
MW - 14	Wesley	10/07/16	3511.85	-	-	21.11	0.00	3490.74
MW - 14	Manny	10/21/16	3511.85	-	-	21.09	0.00	3490.76
MW - 14	Manny	10/28/16	3511.85	-	-	21.10	0.00	3490.75
MW - 14	Manny	11/04/16	3511.85	-	-	21.16	0.00	3490.69
MW - 14	Manny	11/09/16	3511.85	31.14	-	21.17	0.00	3490.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Wesley	12/06/16	3511.85	-	-	21.18	0.00	3490.67
MW - 14	Manny	12/15/16	3511.85	-	-	21.20	0.00	3490.65
MW - 14	Manny	12/22/16	3511.85	-	-	21.25	0.00	3490.60
MW - 14	Manny	12/29/16	3511.85	-	-	21.27	0.00	3490.58
MW - 14	Carlos	01/05/17	3511.85	-	-	21.23	0.00	3490.62
MW - 14	Manny	01/11/17	3511.85	-	-	21.21	0.00	3490.64
MW - 14	Carlos	01/18/17	3511.85	-	-	21.22	0.00	3490.63
MW - 14	Manny	01/26/17	3511.85	-	-	21.28	0.00	3490.57
MW - 14	Manny	01/31/17	3511.85	-	-	21.22	0.00	3490.63
MW - 14	Carlos	02/10/17	3511.85	-	-	21.22	0.00	3490.63
MW - 14	Wesley	02/17/17	3511.85	-	-	21.20	0.00	3490.65
MW - 14	Manny	02/24/17	3511.85	-	-	21.26	0.00	3490.59
MW - 14	Manny	03/01/17	3511.85	30.85	-	21.23	0.00	3490.62
MW - 14	Carlos	03/09/17	3511.85	-	-	21.24	0.00	3490.61
MW - 14	Wesley	03/15/17	3511.85	-	-	21.21	0.00	3490.64
MW - 14	Manny	03/22/17	3511.85	-	-	21.27	0.00	3490.58
MW - 14	Carlos	03/29/17	3511.85	-	-	21.32	0.00	3490.53
MW - 14	Manny	04/07/17	3511.85	-	-	21.25	0.00	3490.60
MW - 14	Wesley	04/11/17	3511.85	-	-	21.19	0.00	3490.66
MW - 14	Manny	04/20/17	3511.85	-	-	21.17	0.00	3490.68
MW - 14	Jeremy	05/02/17	3511.85	-	-	21.14	0.00	3490.71
MW - 14	Manny	05/12/17	3511.85	-	-	21.20	0.00	3490.65
MW - 14	Jeremy	05/16/17	3511.85	-	-	21.12	0.00	3490.73
MW - 14	Manny	05/24/17	3511.85	30.78	-	21.25	0.00	3490.60
MW - 14	Jeremy	06/05/17	3511.85	-	-	21.32	0.00	3490.53
MW - 14	Manny	06/15/17	3511.85	-	-	21.45	0.00	3490.40
MW - 14	Jeremy	06/28/17	3511.85	-	-	21.53	0.00	3490.32
MW - 14	Jeremy	07/05/17	3511.85	-	-	21.63	0.00	3490.22
MW - 14	Jeremy	07/11/17	3511.85	-	-	21.67	0.00	3490.18
MW - 14	Jeremy	07/17/17	3511.85	-	-	21.69	0.00	3490.16
MW - 14	Jeremy	07/20/17	3511.85	-	-	21.74	0.00	3490.11
MW - 14	Jeremy	08/16/17	3511.85	29.31	-	21.72	0.00	3490.13
MW - 14	Jeremy	09/05/17	3511.85	-	-	21.51	0.00	3490.34
MW - 14	Jeremy	09/13/17	3511.85	-	-	21.46	0.00	3490.39
MW - 14	Jeremy	09/19/17	3511.85	-	-	21.53	0.00	3490.32
MW - 14	Jeremy	09/29/17	3511.85	-	-	21.59	0.00	3490.26
MW - 14	Jeremy	10/05/17	3511.85	-	-	21.63	0.00	3490.22
MW - 14	Jeremy	10/12/17	3511.85	-	-	21.41	0.00	3490.44
MW - 14	Jeremy	10/20/17	3511.85	-	-	21.32	0.00	3490.53
MW - 14	Jeremy	10/24/17	3511.85	-	-	21.42	0.00	3490.43
MW - 14	Jeremy	11/02/17	3511.85	-	-	21.47	0.00	3490.38
MW - 14	Manny/ Jeremy	11/14/17	3511.85	29.30	-	21.33	0.00	3490.52
MW - 14	Jeremy	12/20/17	3511.85	-	-	21.28	0.00	3490.57
MW - 14	Jeremy	12/28/17	3511.85	-	-	21.26	0.00	3490.59
MW - 14	Jeremy	01/03/18	3511.85	-	-	22.29	0.00	3489.56
MW - 14	Jeremy	01/09/18	3511.85	-	-	21.24	0.00	3490.61
MW - 14	Jeremy	01/19/18	3511.85	-	-	21.24	0.00	3490.61
MW - 14	Jeremy	01/24/18	3511.85	-	-	21.98	0.00	3489.87
MW - 14	Jeremy	02/07/18	3511.85	29.06	-	21.29	0.00	3490.56
MW - 14	Jeremy	02/12/18	3511.85	-	-	21.24	0.00	3490.61
MW - 14	Jeremy	02/22/18	3511.85	-	-	21.24	0.00	3490.61
MW - 14	Jeremy	03/02/18	3511.85	-	-	21.23	0.00	3490.62
MW - 14	Jeremy	03/07/18	3511.85	-	-	21.23	0.00	3490.62
MW - 14	Jeremy	03/19/18	3511.85	-	-	21.26	0.00	3490.59
MW - 14	Jeremy	03/29/18	3511.85	-	-	21.23	0.00	3490.62
MW - 14	Jeremy	04/02/18	3511.85	-	-	21.18	0.00	3490.67
MW - 14	Jeremy	04/11/18	3511.85	-	-	21.18	0.00	3490.67
MW - 14	Jeremy	04/16/18	3511.85	-	-	21.19	0.00	3490.66
MW - 14	Jeremy	04/25/18	3511.85	-	-	21.22	0.00	3490.63
MW - 14	Jeremy	05/01/18	3511.85	-	-	21.19	0.00	3490.66
MW - 14	Jeremy	05/08/18	3511.85	-	-	21.19	0.00	3490.66

TABLE 4

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PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Jeremy	05/22/18	3511.85	28.42	-	21.43	0.00	3490.42
MW - 14	Jeremy	05/31/18	3511.85	-	-	21.52	0.00	3490.33
MW - 14	Jeremy	06/06/18	3511.85	-	-	21.56	0.00	3490.29
MW - 14	Jeremy	06/13/18	3511.85	-	-	21.64	0.00	3490.21
MW - 14	Jeremy	06/18/18	3511.85	-	-	21.67	0.00	3490.18
MW - 14	Jeremy	06/25/18	3511.85	-	-	21.74	0.00	3490.11
MW - 14	Jeremy	07/02/18	3511.85	-	-	21.78	0.00	3490.07
MW - 14	Jeremy	07/11/18	3511.85	-	-	21.91	0.00	3489.94
MW - 14	Jeremy	07/19/18	3511.85	-	-	21.89	0.00	3489.96
MW - 14	Jeremy	07/27/18	3511.85	-	-	21.94	0.00	3489.91
MW - 14	Jeremy/ Wesley	08/08/18	3511.85	27.90	-	22.01	0.00	3489.84
MW - 14	Jeremy	08/30/18	3511.85	27.90	-	22.12	0.00	3489.73
MW - 14	Jeremy	09/12/18	3511.85	27.90	-	22.12	0.00	3489.73
MW - 14	Jeremy	09/20/18	3511.85	27.90	-	22.04	0.00	3489.81
MW - 14	Jeremy	09/26/18	3511.85	27.90	-	22.08	0.00	3489.77
MW - 14	Jeremy	10/03/18	3511.85	27.90	-	22.00	0.00	3489.85
MW - 14	Jeremy	10/19/18	3511.85	27.90	-	22.01	0.00	3489.84
MW - 14	Jeremy	10/31/18	3511.85	27.90	-	21.90	0.00	3489.95
MW - 14	Jeremy	11/06/18	3511.85	27.90	-	21.89	0.00	3489.96
MW - 14	Jeremy	11/13/18	3511.85	27.88	-	21.92	0.00	3489.93
MW - 14	Jeremy	12/03/18	3511.85	27.88	-	21.78	0.00	3490.07
MW - 14	Manny/Elias	12/19/18	3511.85	-	-	21.69	0.00	3490.16
MW - 14	Jeremy	12/27/18	3511.85	-	-	21.68	0.00	3490.17
MW - 14	Jeremy	01/03/19	3511.85	-	-	21.77	0.00	3490.08
MW - 14	Jeremy	01/09/19	3511.85	-	-	21.69	0.00	3490.16
MW - 14	Jeremy	01/16/19	3511.85	-	-	21.65	0.00	3490.20
MW - 14	Jeremy	01/31/19	3511.85	-	-	21.66	0.00	3490.19
MW - 14	Jeremy	02/06/19	3511.85	-	-	21.62	0.00	3490.23
MW - 14	Jeremy	02/12/19	3511.85	27.46	-	21.61	0.00	3490.24
MW - 14	Jeremy	02/13/19	3511.85	24.46	-	21.61	0.00	3490.24
MW - 14	Jeremy	02/21/19	3511.85	-	-	21.58	0.00	3490.27
MW - 14	Jeremy	02/28/19	3511.85	-	-	21.52	0.00	3490.33
MW - 14	Jeremy	01/21/00	3511.85	-	-	21.58	0.00	3490.27
MW - 14	Jeremy	03/06/19	3511.85	-	-	21.52	0.00	3490.33
MW - 14	Elias	03/12/19	3511.85	-	-	21.48	0.00	3490.37
MW - 14	Elias	03/19/19	3511.85	-	-	21.52	0.00	3490.33
MW - 14	Elias	03/28/19	3511.85	-	-	21.53	0.00	3490.32
MW - 14	Elias	04/01/19	3511.85	-	-	21.56	0.00	3490.29
MW - 14	Elias	04/10/19	3511.85	-	-	21.43	0.00	3490.42
MW - 14	Elias	04/17/19	3511.85	-	-	21.52	0.00	3490.33
MW - 14	Elias	04/24/19	3511.85	-	-	21.55	0.00	3490.30
MW - 14	Elias	05/01/19	3511.85	-	-	21.50	0.00	3490.35
MW - 14	Elias	05/08/19	3511.85	27.32	-	21.45	0.00	3490.40
MW - 14	Elias	05/17/19	3511.85	-	-	21.49	0.00	3490.36
MW - 14	Elias	06/14/19	3511.85	-	-	21.60	0.00	3490.25
MW - 14	Elias	06/18/19	3511.85	-	-	21.65	0.00	3490.20
MW - 14	Elias	06/28/19	3511.85	-	-	21.80	0.00	3490.05
MW - 14	Elias	07/11/19	3511.85	-	-	21.92	0.00	3489.93
MW - 14	Elias	08/08/19	3511.85	24.70	-	22.09	0.00	3489.76
MW - 14	Elias	09/05/19	3511.85	-	-	-	-	-
MW - 14	Elias	09/12/19	3511.85	-	-	22.07	0.00	3489.78
MW - 14	Elias	09/17/19	3511.85	-	-	22.27	0.00	3489.58
MW - 14	Elias	09/23/19	3511.85	-	-		0.00	3511.85
MW - 14	Elias	10/15/19	3511.85	-	-	22.10	0.00	3489.75
MW - 14	Elias	11/06/19	3511.85	24.68	-	22.04	0.00	3489.81
MW - 14	Elias	11/13/19	3511.85	24.68	-	21.91	0.00	3489.94
MW - 14	Elias	12/17/19	3511.85	-	-	21.83	0.00	3490.02
MW - 14	Elias	01/06/20	3511.85	-	-	21.74	0.00	3490.11
MW - 14	Elias	01/23/20	3511.85	-	-	21.76	0.00	3490.09
MW - 14	Elias	01/29/20	3511.85	-	-	21.70	0.00	3490.15
MW - 14	Elias	02/21/20	3511.85	-	-	21.70	0.00	3490.15

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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 14	Elias	03/05/20	3511.85	24.60	-	21.70	0.00	3490.15
MW - 14	Manny	05/14/20	3511.85	-	-	21.42	0.00	3490.43
MW - 14	Manny	05/21/20	3511.85	-	-	21.47	0.00	3490.38
MW - 14	Manny	06/17/20	3511.85	23.76	-	21.82	0.00	3490.03
MW - 14	Manny	07/21/20	3511.85	-	-	22.15	0.00	3489.70
MW - 14	Manny	08/13/20	3511.85	23.74	-	22.30	0.00	3489.55
MW - 14	Manny	09/14/20	3511.85	-	-	22.39	0.00	3489.46
MW - 14	Manny	10/16/20	3511.85	-	-	22.48	0.00	3489.37
MW - 14	Manny	12/10/20	3511.85	23.75	-	22.53	0.00	3489.32
MW - 14	Manny	01/13/21	3511.85	-	-	22.50	0.00	3489.35
MW - 14	Manny	02/11/21	3511.85	23.73	-	22.42	0.00	3489.43
MW - 14	Manny	04/21/21	3511.85	-	-	22.38	0.00	3489.47
MW - 14	Manny	06/11/21	3511.85	23.72	-	22.39	0.00	3489.46
MW - 14	Manny	09/23/21	3511.85	23.73	-	22.59	0.00	3489.26
MW - 14	Manny	10/14/21	3511.85	-	-	22.63	0.00	3489.22
MW - 14	Manny	10/28/21	3511.85	-	22.40	22.50	0.10	3489.44
MW - 14	Manny	12/06/21	3511.85	23.76	-	22.73	0.00	3489.12
MW - 14	Manny	03/16/22	3511.85	23.78	-	22.65	0.00	3489.20
MW - 14	Manny	04/20/22	3511.85	-	-	22.60	0.00	3489.25
MW - 14	Manny	05/11/22	3511.85	-	-	22.69	0.00	3489.16
MW - 14	Manny	08/16/22	3511.85	23.77	-	23.09	0.00	3488.76
MW - 14	Manny	11/11/22	3511.85	23.81	-	22.95	0.00	3488.90
MW - 14	Manny	03/01/23	3511.85	23.75	-	22.60	0.00	3489.25
MW - 14	Manny	04/13/23	3511.85	-	-	22.48	0.00	3489.37
MW - 14	Manny	05/11/23	3511.85	23.75	-	22.45	0.00	3489.40
MW - 14	Manny	08/17/23	3511.85	23.77	-	23.06	0.00	3488.79
MW - 14	Manny	12/14/23	3511.85	23.76	-	22.78	0.00	3489.07
MW - 14	Manny	02/26/24	3511.85	23.40	-	22.62	0.00	3489.23
MW - 14	Manny	06/17/24	3511.85	23.40	-	22.90	0.00	3488.95
MW - 14	Manny	09/23/24	3511.85	23.49	-	23.39	0.00	3488.46
MW - 14	Manny	12/09/24	3511.85	23.49	-	23.27	0.00	3488.58
MW - 15		06/20/02	3506.48	-	18.69	19.19	0.50	3487.72
MW - 15		09/26/02	3506.48	-	18.76	21.77	3.01	3487.27
MW - 15		11/12/02	3506.48	-	18.85	21.31	2.46	3487.26
MW - 15		01/07/03	3506.48	-	18.51	21.84	3.33	3487.47
MW - 15		01/27/03	3506.48	-	18.49	21.18	2.69	3487.59
MW - 15		02/26/03	3506.48	-	18.61	19.42	0.81	3487.75
MW - 15		03/11/03	3506.48	-	18.56	19.56	1.00	3487.77
MW - 15		03/19/03	3506.48	-	18.56	20.75	2.19	3487.59
MW - 15		03/25/03	3506.48	-	18.58	19.56	0.98	3487.75
MW - 15		04/16/03	3506.48	-	18.74	18.75	0.01	3487.74
MW - 15		04/23/03	3506.48	-	18.63	18.88	0.25	3487.81
MW - 15		04/29/03	3506.48	-	18.70	18.71	0.01	3487.78
MW - 15		05/14/03	3506.48	-	18.77	19.36	0.59	3487.62
MW - 15		05/20/03	3506.48	-	18.53	19.60	1.07	3487.79
MW - 15		05/27/03	3506.48	-	18.90	19.82	0.92	3487.44
MW - 15		06/04/03	3506.48	-	18.80	19.89	1.09	3487.52
MW - 15		07/07/03	3506.48	-	19.32	19.60	0.28	3487.12
MW - 15		07/30/03	3506.48	-	19.36	19.56	0.20	3487.09
MW - 15		08/06/03	3506.48	-	19.61	19.83	0.22	3486.84
MW - 15		08/21/03	3506.48	-	19.82	19.91	0.09	3486.65
MW - 15		08/26/03	3506.48	-	19.96	20.06	0.10	3486.51
MW - 15		09/08/03	3506.48	-	19.79	19.99	0.20	3486.66
MW - 15		09/15/03	3506.48	-	19.81	19.96	0.15	3486.65
MW - 15		09/24/03	3506.48	-	20.05	20.31	0.26	3486.39
MW - 15		10/02/03	3506.48	-	19.87	20.12	0.25	3486.57
MW - 15		10/08/03	3506.48	-	19.77	19.94	0.17	3486.68
MW - 15		10/16/03	3506.48	-	20.09	20.24	0.15	3486.37
MW - 15		10/28/03	3506.48	-	20.15	20.36	0.21	3486.30
MW - 15		11/11/03	3506.48	-	20.24	20.39	0.15	3486.22

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		11/18/03	3506.48	-	19.95	20.11	0.16	3486.51
MW - 15		12/10/03	3506.48	-	19.79	19.98	0.19	3486.66
MW - 15		02/02/04	3506.48	-	20.17	20.27	0.10	3486.30
MW - 15		02/26/04	3506.48	-	19.69	20.02	0.33	3486.74
MW - 15		03/16/04	3506.48	-	19.88	20.35	0.47	3486.53
MW - 15		03/19/04	3506.48	-	19.90	20.40	0.50	3486.51
MW - 15		03/25/04	3506.48	-	19.89	20.46	0.57	3486.50
MW - 15		04/01/04	3506.48	-	19.81	20.45	0.64	3486.57
MW - 15		04/08/04	3506.48	-	19.85	20.42	0.57	3486.54
MW - 15		04/14/04	3506.48	-	18.77	19.54	0.77	3487.59
MW - 15		04/16/04	3506.48	-	18.98	19.74	0.76	3487.39
MW - 15		04/22/04	3506.48	-	18.20	19.25	1.05	3488.12
MW - 15		04/29/04	3506.48	-	18.23	19.34	1.11	3488.08
MW - 15		05/11/04	3506.48	-	18.20	20.26	2.06	3487.97
MW - 15		06/08/04	3506.48	-	18.26	21.27	3.01	3487.77
MW - 15		06/17/04	3506.48	-	18.25	21.24	2.99	3487.78
MW - 15		06/22/04	3506.48	-	18.29	21.26	2.97	3487.74
MW - 15		06/29/04	3506.48	-	18.26	21.32	3.06	3487.76
MW - 15		07/06/04	3506.48	-	18.17	21.49	3.32	3487.81
MW - 15		07/13/04	3506.48	-	18.20	21.54	3.34	3487.78
MW - 15		07/20/04	3506.48	-	18.34	21.98	3.64	3487.59
MW - 15		08/04/04	3506.48	-	18.35	21.10	2.75	3487.72
MW - 15		08/10/04	3506.48	-	18.39	21.09	2.70	3487.69
MW - 15		08/16/04	3506.48	-	18.57	21.48	2.91	3487.47
MW - 15		08/23/04	3506.48	-	18.59	20.72	2.13	3487.57
MW - 15		08/25/04	3506.48	-	18.65	19.79	1.14	3487.66
MW - 15		08/26/04	3506.48	-	18.65	19.85	1.20	3487.65
MW - 15		08/31/04	3506.48	-	18.69	20.11	1.42	3487.58
MW - 15		09/13/04	3506.48	-	18.81	19.98	1.17	3487.49
MW - 15		09/20/04	3506.48	-	18.89	19.79	0.90	3487.46
MW - 15		09/30/04	3506.48	-	18.99	19.81	0.82	3487.37
MW - 15		10/04/04	3506.48	-	18.12	19.44	1.32	3488.16
MW - 15		10/11/04	3506.48	-	17.81	20.65	2.84	3488.24
MW - 15		10/18/04	3506.48	-	17.83	20.17	2.34	3488.30
MW - 15		10/26/04	3506.48	-	18.03	20.05	2.02	3488.15
MW - 15		11/02/04	3506.48	-	18.50	19.10	0.60	3487.89
MW - 15		11/08/04	3506.48	-	18.19	19.20	1.01	3488.14
MW - 15		11/15/04	3506.48	-	18.19	19.78	1.59	3488.05
MW - 15		12/01/04	3506.48	-	18.75	20.92	2.17	3487.40
MW - 15		12/02/04	3506.48	-	18.75	20.91	2.16	3487.41
MW - 15		12/14/04	3506.48	-	17.73	20.00	2.27	3488.41
MW - 15		12/21/04	3506.48	-	17.79	19.70	1.91	3488.40
MW - 15		12/29/04	3506.48	-	17.78	19.90	2.12	3488.38
MW - 15		01/11/05	3506.48	-	17.60	19.72	2.12	3488.56
MW - 15		01/14/05	3506.48	-	17.80	19.72	1.92	3488.39
MW - 15		01/18/05	3506.48	-	17.68	19.37	1.69	3488.55
MW - 15		01/21/05	3506.48	-	17.70	18.61	0.91	3488.64
MW - 15		01/25/05	3506.48	-	17.68	18.80	1.12	3488.63
MW - 15		01/28/05	3506.48	-	17.81	18.49	0.68	3488.57
MW - 15		02/02/05	3506.48	-	17.89	18.61	0.72	3488.48
MW - 15		02/05/05	3506.48	-	17.99	18.31	0.32	3488.44
MW - 15		02/08/05	3506.48	-	17.61	18.53	0.92	3488.73
MW - 15		02/11/05	3506.48	-	17.63	18.19	0.56	3488.77
MW - 15		02/15/05	3506.48	-	17.59	18.34	0.75	3488.78
MW - 15		02/18/05	3506.48	-	17.69	18.30	0.61	3488.70
MW - 15		02/22/05	3506.48	-	17.56	18.30	0.74	3488.81
MW - 15		02/25/05	3506.48	-	17.55	18.15	0.60	3488.84
MW - 15		03/01/05	3506.48	-	17.50	18.24	0.74	3488.87
MW - 15		03/04/05	3506.48	-	17.51	18.10	0.59	3488.88
MW - 15		03/08/05	3506.48	-	17.49	18.13	0.64	3488.89
MW - 15		03/08/05	3506.48	-	17.49	18.13	0.64	3488.89

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		03/11/05	3506.48	-	17.59	18.08	0.49	3488.82
MW - 15		03/15/05	3506.48	-	17.50	18.05	0.55	3488.90
MW - 15		03/18/05	3506.48	-	17.51	18.03	0.52	3488.89
MW - 15		03/22/05	3506.48	-	18.40	19.15	0.75	3487.97
MW - 15		03/28/05	3506.48	-	18.34	19.19	0.85	3488.01
MW - 15		04/01/05	3506.48	-	18.38	19.18	0.80	3487.98
MW - 15		04/05/05	3506.48	-	17.29	18.21	0.92	3489.05
MW - 15		04/08/05	3506.48	-	17.24	18.12	0.88	3489.11
MW - 15		04/15/05	3506.48	-	17.28	18.09	0.81	3489.08
MW - 15		05/25/05	3506.48	-	17.10	17.90	0.80	3489.26
MW - 15		05/27/05	3506.48	-	17.09	17.81	0.72	3489.28
MW - 15		05/31/05	3506.48	-	17.08	17.68	0.60	3489.31
MW - 15		06/03/05	3506.48	-	17.03	17.69	0.66	3489.35
MW - 15		06/06/05	3506.48	-	17.07	17.56	0.49	3489.34
MW - 15		06/08/05	3506.48	-	17.01	17.58	0.57	3489.38
MW - 15		06/13/05	3506.48	-	17.02	17.53	0.51	3489.38
MW - 15		06/20/05	3506.48	-	17.10	17.63	0.53	3489.30
MW - 15		06/24/05	3506.48	-	17.03	17.77	0.74	3489.34
MW - 15		06/27/05	3506.48	-	17.13	17.62	0.49	3489.28
MW - 15		07/11/05	3506.48	-	17.12	17.78	0.66	3489.26
MW - 15		07/15/05	3506.48	-	17.18	17.90	0.72	3489.19
MW - 15		07/18/05	3506.48	-	17.19	18.19	1.00	3489.14
MW - 15		07/21/05	3506.48	-	17.30	17.70	0.40	3489.12
MW - 15		07/25/05	3506.48	-	17.29	18.08	0.79	3489.07
MW - 15		08/01/05	3506.48	-	17.33	17.94	0.61	3489.06
MW - 15		08/04/05	3506.48	-	17.39	17.85	0.46	3489.02
MW - 15		08/12/05	3506.48	-	17.53	17.72	0.19	3488.92
MW - 15		08/15/05	3506.48	-	17.30	17.93	0.63	3489.09
MW - 15		08/23/05	3506.48	-	17.18	17.81	0.63	3489.21
MW - 15		08/30/05	3506.48	-	17.13	17.90	0.77	3489.23
MW - 15		09/06/05	3506.48	-	17.11	17.92	0.81	3489.25
MW - 15		09/13/05	3506.48	-	17.08	18.08	1.00	3489.25
MW - 15		09/15/05	3506.48	-	17.18	17.87	0.69	3489.20
MW - 15		09/19/05	3506.48	-	17.12	17.77	0.65	3489.26
MW - 15		09/27/05	3506.48	-	17.10	18.08	0.98	3489.23
MW - 15		10/03/05	3506.48	-	17.20	17.94	0.74	3489.17
MW - 15		10/08/05	3506.48	-	16.98	17.59	0.61	3489.41
MW - 15		10/10/05	3506.48	-	17.10	18.21	1.11	3489.21
MW - 15		10/17/05	3506.48	-	17.09	17.70	0.61	3489.30
MW - 15		10/24/05	3506.48	-	17.11	17.68	0.57	3489.28
MW - 15		10/31/05	3506.48	-	17.02	17.88	0.86	3489.33
MW - 15		11/15/05	3506.48	-	17.05	17.91	0.86	3489.30
MW - 15		11/22/05	3506.48	-	17.03	17.65	0.62	3489.36
MW - 15		11/27/05	3506.48	-	17.05	17.73	0.68	3489.33
MW - 15		12/07/05	3506.48	-	17.08	17.47	0.39	3489.34
MW - 15		12/12/05	3506.48	-	17.04	17.50	0.46	3489.37
MW - 15		12/16/05	3506.48	-	17.00	17.46	0.46	3489.41
MW - 15		12/22/05	3506.48	-	17.05	17.91	0.86	3489.30
MW - 15		12/27/05	3506.48	-	17.00	17.69	0.69	3489.38
MW - 15		01/03/06	3506.48	-	17.03	17.63	0.60	3489.36
MW - 15		01/09/06	3506.48	-	17.06	17.56	0.50	3489.35
MW - 15		01/16/06	3506.48	-	17.02	17.50	0.48	3489.39
MW - 15		01/23/06	3506.48	-	17.06	17.40	0.34	3489.37
MW - 15		01/30/06	3506.48	-	17.10	17.38	0.28	3489.34
MW - 15		02/06/06	3506.48	-	17.00	17.41	0.41	3489.42
MW - 15		02/14/06	3506.48	-	17.08	17.41	0.33	3489.35
MW - 15		02/21/06	3506.48	-	16.98	17.41	0.43	3489.44
MW - 15		03/01/06	3506.48	-	16.95	17.38	0.43	3489.47
MW - 15		03/06/06	3506.48	-	16.99	17.33	0.34	3489.44
MW - 15		03/16/06	3506.48	-	17.00	17.36	0.36	3489.43
MW - 15		03/17/06	3506.48	-	17.01	17.36	0.35	3489.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		03/21/06	3506.48	-	16.99	17.39	0.40	3489.43
MW - 15		03/28/06	3506.48	-	17.02	17.37	0.35	3489.41
MW - 15		04/03/06	3506.48	-	16.96	17.31	0.35	3489.47
MW - 15		04/17/06	3506.48	-	16.92	17.21	0.29	3489.52
MW - 15		05/01/06	3506.48	-	16.91	17.11	0.20	3489.54
MW - 15		05/08/06	3506.48	-	16.94	17.27	0.33	3489.49
MW - 15		05/15/06	3506.48	-	16.99	17.42	0.43	3489.43
MW - 15		06/05/06	3506.48	-	17.22	17.71	0.49	3489.19
MW - 15		06/12/06	3506.48	-	17.33	17.96	0.63	3489.06
MW - 15		06/15/06	3506.48	-	17.42	17.86	0.44	3488.99
MW - 15		06/19/06	3506.48	-	17.41	17.89	0.48	3489.00
MW - 15		07/03/06	3506.48	-	17.57	17.96	0.39	3488.85
MW - 15		07/10/06	3506.48	-	17.56	18.00	0.44	3488.85
MW - 15		07/17/06	3506.48	-	17.37	17.86	0.49	3489.04
MW - 15		07/26/06	3506.48	-	17.51	18.14	0.63	3488.88
MW - 15		07/31/06	3506.48	-	17.49	17.98	0.49	3488.92
MW - 15		08/07/06	3506.48	-	17.54	17.99	0.45	3488.87
MW - 15		08/17/06	3506.48	-	17.47	18.18	0.71	3488.90
MW - 15		08/21/06	3506.48	-	17.34	17.90	0.56	3489.06
MW - 15		09/06/06	3506.48	-	17.11	17.65	0.54	3489.29
MW - 15		09/11/06	3506.48	-	17.17	17.85	0.68	3489.21
MW - 15		09/18/06	3506.48	-	17.16	17.59	0.43	3489.26
MW - 15		09/25/06	3506.48	-	17.22	17.88	0.66	3489.16
MW - 15		10/02/06	3506.48	-	17.20	17.85	0.65	3489.18
MW - 15		10/09/06	3506.48	-	17.13	17.91	0.78	3489.23
MW - 15		10/17/06	3506.48	-	17.20	18.15	0.95	3489.14
MW - 15		10/23/06	3506.48	-	17.11	17.82	0.71	3489.26
MW - 15		10/30/06	3506.48	-	17.10	17.80	0.70	3489.28
MW - 15		11/06/06	3506.48	-	17.15	17.80	0.65	3489.23
MW - 15		11/13/06	3506.48	-	17.16	17.76	0.60	3489.23
MW - 15		11/20/06	3506.48	-	17.15	17.70	0.55	3489.25
MW - 15		11/27/06	3506.48	-	17.13	17.74	0.61	3489.26
MW - 15		11/30/06	3506.48	-	17.15	17.50	0.35	3489.28
MW - 15		12/04/06	3506.48	-	17.23	17.69	0.46	3489.18
MW - 15		12/12/06	3506.48	-	17.29	17.76	0.47	3489.12
MW - 15		12/18/06	3506.48	-	17.10	17.73	0.63	3489.29
MW - 15		01/02/07	3506.48	-	17.10	17.85	0.75	3489.27
MW - 15		01/11/07	3506.48	-	17.03	17.39	0.36	3489.40
MW - 15		01/18/07	3506.48	-	17.27	17.36	0.09	3489.20
MW - 15		01/22/07	3506.48	-	17.06	17.62	0.56	3489.34
MW - 15		02/05/07	3506.48	-	17.07	17.39	0.32	3489.36
MW - 15		02/12/07	3506.48	-	16.99	17.11	0.12	3489.47
MW - 15		02/19/07	3506.48	-	16.98	17.14	0.16	3489.48
MW - 15		02/27/07	3506.48	-	17.03	17.52	0.49	3489.38
MW - 15		03/05/07	3506.48	-	17.06	17.63	0.57	3489.33
MW - 15		03/12/07	3506.48	-	17.03	17.14	0.11	3489.43
MW - 15		03/19/07	3506.48	-	16.98	17.12	0.14	3489.48
MW - 15		04/02/07	3506.48	-	16.97	17.17	0.20	3489.48
MW - 15		04/09/07	3506.48	-	16.92	17.07	0.15	3489.54
MW - 15		05/01/07	3506.48	-	17.91	18.30	0.39	3488.51
MW - 15		05/12/07	3506.48	-	17.90	18.32	0.42	3488.52
MW - 15		05/17/07	3506.48	-	16.71	16.93	0.22	3489.74
MW - 15		05/21/07	3506.48	-	16.74	16.95	0.21	3489.71
MW - 15		05/22/07	3506.48	-	16.74	16.95	0.21	3489.71
MW - 15		06/01/07	3506.48	-	17.50	17.81	0.31	3488.93
MW - 15		06/06/07	3506.48	-	16.75	17.04	0.29	3489.69
MW - 15		06/11/07	3506.48	-	16.79	17.49	0.70	3489.59
MW - 15		06/19/07	3506.48	-	16.87	17.21	0.34	3489.56
MW - 15		06/25/07	3506.48	-	16.94	17.26	0.32	3489.49
MW - 15		07/03/07	3506.48	-	17.07	17.49	0.42	3489.35
MW - 15		07/18/07	3506.48	-	17.23	17.54	0.31	3489.20

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		07/23/07	3506.48	-	17.29	17.63	0.34	3489.14
MW - 15		07/31/07	3506.48	-	17.44	18.01	0.57	3488.95
MW - 15		08/14/07	3506.48	-	17.42	17.86	0.44	3488.99
MW - 15		08/15/07	3506.48	-	17.41	17.79	0.38	3489.01
MW - 15		08/25/07	3506.48	-	17.50	17.96	0.46	3488.91
MW - 15		09/05/07	3506.48	-	17.57	18.02	0.45	3488.84
MW - 15		09/10/07	3506.48	-	17.47	17.77	0.30	3488.97
MW - 15		09/17/07	3506.48	-	17.23	17.55	0.32	3489.20
MW - 15		09/24/07	3506.48	-	17.16	17.61	0.45	3489.25
MW - 15		11/05/07	3506.48	-	17.18	18.13	0.95	3489.16
MW - 15		11/06/07	3506.48	-	17.34	18.56	1.22	3488.96
MW - 15		11/12/07	3506.48	-	17.22	17.78	0.56	3489.18
MW - 15		11/19/07	3506.48	-	17.22	17.53	0.31	3489.21
MW - 15		11/30/07	3506.48	-	17.29	17.54	0.25	3489.15
MW - 15		12/03/07	3506.48	-	17.24	17.44	0.20	3489.21
MW - 15		12/14/07	3506.48	-	17.19	17.40	0.21	3489.26
MW - 15		12/17/07	3506.48	-	17.22	17.42	0.20	3489.23
MW - 15		01/09/08	3506.48	-	17.15	17.40	0.25	3489.29
MW - 15		01/16/08	3506.48	-	17.18	17.58	0.40	3489.24
MW - 15		01/30/08	3506.48	-	sheen	17.15	0.00	3489.33
MW - 15		02/08/08	3506.48	-	sheen	17.36	0.00	3489.12
MW - 15		02/12/08	3506.48	-	sheen	17.19	0.00	3489.29
MW - 15		02/14/08	3506.48	-	17.16	17.20	0.04	3489.31
MW - 15		02/20/08	3506.48	-	17.12	17.14	0.02	3489.36
MW - 15		02/28/08	3506.48	-	17.13	17.22	0.09	3489.34
MW - 15		03/05/08	3506.48	-	17.12	17.29	0.17	3489.33
MW - 15		03/13/08	3506.48	-	17.11	17.27	0.16	3489.35
MW - 15		03/19/08	3506.48	-	17.13	17.30	0.17	3489.32
MW - 15		03/24/08	3506.48	-	17.09	17.22	0.13	3489.37
MW - 15		04/02/08	3506.48	-	17.11	17.20	0.09	3489.36
MW - 15		04/07/08	3506.48	-	17.09	17.19	0.10	3489.38
MW - 15		04/14/08	3506.48	-	17.11	17.12	0.01	3489.37
MW - 15		04/23/08	3506.48	-	17.07	17.20	0.13	3489.39
MW - 15		05/07/08	3506.48	-	17.08	17.26	0.18	3489.37
MW - 15		05/13/08	3506.48	-	17.07	17.22	0.15	3489.39
MW - 15		05/14/08	3506.48	-	17.07	17.22	0.15	3489.39
MW - 15		05/19/08	3506.48	-	17.10	17.25	0.15	3489.36
MW - 15		06/09/08	3506.48	-	17.35	17.69	0.34	3489.08
MW - 15		06/16/08	3506.48	-	17.12	17.15	0.03	3489.36
MW - 15		06/23/08	3506.48	-	17.55	17.98	0.43	3488.87
MW - 15		06/30/08	3506.48	-	17.60	17.98	0.38	3488.82
MW - 15		07/14/08	3506.48	-	17.65	18.12	0.47	3488.76
MW - 15		07/22/08	3506.48	-	17.70	18.14	0.44	3488.71
MW - 15		07/29/08	3506.48	-	17.74	17.96	0.22	3488.71
MW - 15		08/04/08	3506.48	-	17.75	18.14	0.39	3488.67
MW - 15		08/11/08	3506.48	-	17.79	18.17	0.38	3488.63
MW - 15		08/14/08	3506.48	-	17.83	18.12	0.29	3488.61
MW - 15		08/18/08	3506.48	-	17.80	18.08	0.28	3488.64
MW - 15		08/28/08	3506.48	-	17.74	18.08	0.34	3488.69
MW - 15		09/17/08	3506.48	-	17.45	18.03	0.58	3488.94
MW - 15		09/29/08	3506.48	-	17.44	18.13	0.69	3488.94
MW - 15		10/06/08	3506.48	-	17.46	18.50	1.04	3488.86
MW - 15		10/13/08	3506.48	-	17.55	17.93	0.38	3488.87
MW - 15		10/20/08	3506.48	-	17.39	17.84	0.45	3489.02
MW - 15		10/29/08	3506.48	-	17.39	17.95	0.56	3489.01
MW - 15		10/30/08	3506.48	-	17.42	17.80	0.38	3489.00
MW - 15		11/06/08	3506.48	-	17.40	17.55	0.15	3489.06
MW - 15		11/12/08	3506.48	-	17.36	17.69	0.33	3489.07
MW - 15		11/13/08	3506.48	-	17.36	17.69	0.33	3489.07
MW - 15		12/16/08	3506.48	-	17.38	17.60	0.22	3489.07
MW - 15		12/19/08	3506.48	-	17.36	17.55	0.19	3489.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		12/22/08	3506.48	-	17.30	17.58	0.28	3489.14
MW - 15		01/06/09	3506.48	-	17.30	17.57	0.27	3489.14
MW - 15		01/12/09	3506.48	-	17.34	17.75	0.41	3489.08
MW - 15		01/19/09	3506.48	-	17.13	17.34	0.21	3489.32
MW - 15		01/22/09	3506.48	-	17.30	17.41	0.11	3489.16
MW - 15		01/26/09	3506.48	-	17.30	17.46	0.16	3489.16
MW - 15		02/10/09	3506.48	-	17.25	17.37	0.12	3489.21
MW - 15		02/13/09	3506.48	-	17.30	17.71	0.41	3489.12
MW - 15		02/16/09	3506.48	-	17.36	17.72	0.36	3489.07
MW - 15		02/24/09	3506.48	-	17.42	17.76	0.34	3489.01
MW - 15		03/02/09	3506.48	-	17.18	17.34	0.16	3489.28
MW - 15		03/05/09	3506.48	-	17.28	17.54	0.26	3489.16
MW - 15		03/09/09	3506.48	-	17.26	17.41	0.15	3489.20
MW - 15		03/16/09	3506.48	-	17.27	17.41	0.14	3489.19
MW - 15		03/19/09	3506.48	-	17.20	17.32	0.12	3489.26
MW - 15		03/25/09	3506.48	-	17.19	17.32	0.13	3489.27
MW - 15		03/30/09	3506.48	-	17.21	17.31	0.10	3489.26
MW - 15		04/13/09	3506.48	-	17.20	17.34	0.14	3489.26
MW - 15		04/16/09	3506.48	-	17.23	17.30	0.07	3489.24
MW - 15		04/21/09	3506.48	-	17.25	17.31	0.06	3489.22
MW - 15		04/27/09	3506.48	-	17.19	17.36	0.17	3489.26
MW - 15		04/30/09	3506.48	-	17.24	17.30	0.06	3489.23
MW - 15		05/06/09	3506.48	-	17.25	17.31	0.06	3489.22
MW - 15		05/12/09	3506.48	-	17.20	17.27	0.07	3489.27
MW - 15		05/19/09	3506.48	-	17.22	17.52	0.30	3489.22
MW - 15		05/26/09	3506.48	-	17.30	17.53	0.23	3489.15
MW - 15		06/01/09	3506.48	-	17.42	17.56	0.14	3489.04
MW - 15		06/05/09	3506.48	-	17.39	17.56	0.17	3489.06
MW - 15		06/12/09	3506.48	-	17.40	17.64	0.24	3489.04
MW - 15		06/15/09	3506.48	-	17.49	17.72	0.23	3488.96
MW - 15		06/22/09	3506.48	-	17.49	17.77	0.28	3488.95
MW - 15		06/24/09	3506.48	-	17.52	17.70	0.18	3488.93
MW - 15		06/29/09	3506.48	-	17.58	17.80	0.22	3488.87
MW - 15		07/06/09	3506.48	-	17.62	17.88	0.26	3488.82
MW - 15		07/09/09	3506.48	-	17.21	17.51	0.30	3489.23
MW - 15		07/13/09	3506.48	-	17.22	17.50	0.28	3489.22
MW - 15		07/20/09	3506.48	-	17.32	17.49	0.17	3489.13
MW - 15		07/23/09	3506.48	-	17.84	18.21	0.37	3488.58
MW - 15		07/27/09	3506.48	-	17.86	18.22	0.36	3488.57
MW - 15		07/29/09	3506.48	-	17.72	17.96	0.24	3488.72
MW - 15		08/03/09	3506.48	-	17.72	17.91	0.19	3488.73
MW - 15		08/10/09	3506.48	-	17.75	18.17	0.42	3488.67
MW - 15		08/10/09	3506.48	-	17.75	18.17	0.42	3488.67
MW - 15		08/18/09	3506.48	-	17.82	18.19	0.37	3488.60
MW - 15		08/24/09	3506.48	-	17.79	18.29	0.50	3488.62
MW - 15		08/28/09	3506.48	-	17.87	18.26	0.39	3488.55
MW - 15		08/31/09	3506.48	-	17.92	18.16	0.24	3488.52
MW - 15		09/02/09	3506.48	-	17.92	18.12	0.20	3488.53
MW - 15		09/08/09	3506.48	-	17.99	18.21	0.22	3488.46
MW - 15		09/16/09	3506.48	-	17.96	18.20	0.24	3488.48
MW - 15		09/18/09	3506.48	-	17.96	18.22	0.26	3488.48
MW - 15		09/22/09	3506.48	-	18.01	18.24	0.23	3488.44
MW - 15		09/28/09	3506.48	-	17.86	18.23	0.37	3488.56
MW - 15		10/09/09	3506.48	-	18.05	18.52	0.47	3488.36
MW - 15		10/12/09	3506.48	-	17.24	17.49	0.25	3489.20
MW - 15		10/15/09	3506.48	-	18.08	18.26	0.18	3488.37
MW - 15		10/20/09	3506.48	-	18.08	18.27	0.19	3488.37
MW - 15		10/26/09	3506.48	-	17.25	17.46	0.21	3489.20
MW - 15		10/28/09	3506.48	-	18.11	18.30	0.19	3488.34
MW - 15		11/03/09	3506.48	-	18.09	18.25	0.16	3488.37
MW - 15		11/12/09	3506.48	-	18.07	18.24	0.17	3488.38

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		11/18/09	3506.48	-	18.12	18.26	0.14	3488.34
MW - 15		12/03/09	3506.48	-	18.09	18.23	0.14	3488.37
MW - 15		12/11/09	3506.48	-	18.09	18.25	0.16	3488.37
MW - 15		12/16/09	3506.48	-	18.08	18.25	0.17	3488.37
MW - 15		12/21/09	3506.48	-	18.08	18.22	0.14	3488.38
MW - 15		12/28/09	3506.48	-	18.10	18.26	0.16	3488.36
MW - 15		01/04/10	3506.48	-	18.05	18.19	0.14	3488.41
MW - 15		01/14/10	3506.48	-	17.96	18.04	0.08	3488.51
MW - 15		01/20/10	3506.48	-	17.94	18.05	0.11	3488.52
MW - 15		01/25/10	3506.48	-	18.07	18.23	0.16	3488.39
MW - 15		01/27/10	3506.48	-	17.92	18.05	0.13	3488.54
MW - 15		02/01/10	3506.48	-	17.92	18.05	0.13	3488.54
MW - 15		02/08/10	3506.48	-	17.84	17.97	0.13	3488.62
MW - 15		02/08/10	3506.48	-	sheen	18.17	0.00	3488.31
MW - 15		02/09/10	3506.48	-	17.92	18.04	0.12	3488.54
MW - 15		02/19/10	3506.48	-	18.06	18.21	0.15	3488.40
MW - 15		02/26/10	3506.48	-	17.86	18.04	0.18	3488.59
MW - 15		03/01/10	3506.48	-	18.12	18.24	0.12	3488.34
MW - 15		03/04/10	3506.48	-	17.83	17.97	0.14	3488.63
MW - 15		03/08/10	3506.48	-	17.78	17.90	0.12	3488.68
MW - 15		03/11/10	3506.48	-	17.70	17.80	0.10	3488.77
MW - 15		03/15/10	3506.48	-	17.80	17.91	0.11	3488.66
MW - 15		03/17/10	3506.48	-	17.71	17.76	0.05	3488.76
MW - 15		03/22/10	3506.48	-	17.68	17.93	0.25	3488.76
MW - 15		03/29/10	3506.48	-	17.64	17.70	0.06	3488.83
MW - 15		04/05/10	3506.48	-	17.68	17.76	0.08	3488.79
MW - 15		04/14/10	3506.48	-	17.68	17.73	0.05	3488.79
MW - 15		04/16/10	3506.48	-	17.61	17.73	0.12	3488.85
MW - 15		04/19/10	3506.48	-	17.63	17.69	0.06	3488.84
MW - 15		04/28/10	3506.48	-	17.58	17.62	0.04	3488.89
MW - 15		05/05/10	3506.48	-	17.52	17.61	0.09	3488.95
MW - 15		05/12/10	3506.48	-	17.57	17.59	0.02	3488.91
MW - 15		05/14/10	3506.48	-	17.57	17.59	0.02	3488.91
MW - 15		05/21/10	3506.48	-	17.49	17.51	0.02	3488.99
MW - 15		05/26/10	3506.48	-	sheen	17.64	0.00	3488.84
MW - 15		06/04/10	3506.48	-	sheen	17.55	0.00	3488.93
MW - 15		06/07/10	3506.48	-	sheen	17.85	0.00	3488.63
MW - 15		06/12/10	3506.48	-	sheen	17.80	0.00	3488.68
MW - 15		06/24/10	3506.48	-	sheen	18.00	0.00	3488.48
MW - 15		06/30/10	3506.48	-	sheen	18.01	0.00	3488.47
MW - 15		07/07/10	3506.48	-	sheen	17.40	0.00	3489.08
MW - 15		07/12/10	3506.48	-	sheen	17.31	0.00	3489.17
MW - 15		07/19/10	3506.48	-	sheen	17.28	0.00	3489.20
MW - 15		07/26/10	3506.48	-	-	-	-	-
MW - 15		08/03/10	3506.48	-	17.20	17.22	0.02	3489.28
MW - 15		08/11/10	3506.48	-	17.20	17.22	0.02	3489.28
MW - 15		08/19/10	3506.48	-	17.14	17.25	0.11	3489.32
MW - 15		08/25/10	3506.48	-	17.20	17.38	0.18	3489.25
MW - 15		09/01/10	3506.48	-	17.21	17.46	0.25	3489.23
MW - 15		09/09/10	3506.48	-	17.29	17.69	0.40	3489.13
MW - 15		09/13/10	3506.48	-	17.19	17.21	0.02	3489.29
MW - 15		09/29/10	3506.48	-	17.39	17.98	0.59	3489.00
MW - 15		10/05/10	3506.48	-	17.21	17.22	0.01	3489.27
MW - 15		10/20/10	3506.48	-	17.47	18.35	0.88	3488.88
MW - 15		10/25/10	3506.48	-	17.49	18.32	0.83	3488.87
MW - 15		11/03/10	3506.48	-	17.21	17.24	0.03	3489.27
MW - 15		11/10/10	3506.48	-	17.54	17.60	0.06	3488.93
MW - 15		11/12/10	3506.48	-	17.54	17.60	0.06	3488.93
MW - 15		12/09/10	3506.48	-	17.26	17.31	0.05	3489.21
MW - 15		01/18/11	3506.48	-	17.53	17.58	0.05	3488.94
MW - 15		02/16/11	3506.48	-	17.50	17.64	0.14	3488.96

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		03/01/11	3506.48	-	17.40	17.86	0.46	3489.01
MW - 15		03/07/11	3506.48	-	17.35	17.75	0.40	3489.07
MW - 15		03/22/11	3506.48	-	17.51	17.66	0.15	3488.95
MW - 15		04/27/11	3506.48	-	17.41	17.85	0.44	3489.00
MW - 15		05/05/11	3506.48	-	17.47	17.87	0.40	3488.95
MW - 15		05/10/11	3506.48	-	17.50	17.85	0.35	3488.93
MW - 15		05/17/11	3506.48	-	17.49	17.82	0.33	3488.94
MW - 15		05/19/11	3506.48	-	17.49	17.82	0.33	3488.94
MW - 15		05/24/11	3506.48	-	17.62	17.94	0.32	3488.81
MW - 15		06/07/11	3506.48	-	17.68	18.03	0.35	3488.75
MW - 15		06/08/11	3506.48	-	17.69	18.25	0.56	3488.71
MW - 15		06/14/11	3506.48	-	17.60	17.98	0.38	3488.82
MW - 15		06/23/11	3506.48	-	17.69	17.97	0.28	3488.75
MW - 15		06/28/11	3506.48	-	17.49	17.77	0.28	3488.95
MW - 15		07/06/11	3506.48	-	17.49	17.87	0.38	3488.93
MW - 15		07/14/11	3506.48	-	17.83	18.03	0.20	3488.62
MW - 15		07/20/11	3506.48	-	18.03	18.40	0.37	3488.39
MW - 15		07/27/11	3506.48	-	18.02	18.25	0.23	3488.43
MW - 15		08/03/11	3506.48	-	18.07	18.26	0.19	3488.38
MW - 15		08/10/11	3506.48	-	18.06	18.26	0.20	3488.39
MW - 15		08/18/11	3506.48	-	18.09	18.34	0.25	3488.35
MW - 15		08/25/11	3506.48	-	-	18.70	0.00	3487.78
MW - 15		09/07/11	3506.48	-	-	18.45	0.00	3488.03
MW - 15		09/14/11	3506.48	-	-	18.40	0.00	3488.08
MW - 15		11/14/11	3506.48	-	-	18.23	0.00	3488.25
MW - 15		12/01/11	3506.48	-	-	18.22	0.00	3488.26
MW - 15		12/08/11	3506.48	-	-	18.25	0.00	3488.23
MW - 15		12/14/11	3506.48	-	-	18.21	0.00	3488.27
MW - 15		02/03/12	3506.48	-	-	18.04	0.00	3488.44
MW - 15		02/29/12	3506.48	-	-	17.96	0.00	3488.52
MW - 15		03/14/12	3506.48	-	-	17.88	0.00	3488.60
MW - 15		03/19/12	3506.48	-	-	17.96	0.00	3488.52
MW - 15		03/29/12	3506.48	-	-	17.89	0.00	3488.59
MW - 15		04/05/12	3506.48	-	-	17.84	0.00	3488.64
MW - 15		04/18/12	3506.48	-	-	17.78	0.00	3488.70
MW - 15		04/27/12	3506.48	-	-	17.84	0.00	3488.64
MW - 15		05/02/12	3506.48	-	-	17.86	0.00	3488.62
MW - 15		05/31/12	3506.48	-	-	17.83	0.00	3488.65
MW - 15		06/08/12	3506.48	-	-	17.85	0.00	3488.63
MW - 15		06/12/12	3506.48	-	-	17.89	0.00	3488.59
MW - 15		06/21/12	3506.48	-	-	17.91	0.00	3488.57
MW - 15		06/29/12	3506.48	-	-	17.93	0.00	3488.55
MW - 15		07/13/12	3506.48	-	18.11	18.43	0.32	3488.32
MW - 15		12/06/12	3506.48	-	20.09	20.31	0.22	3486.36
MW - 15		12/11/12	3506.48	-	20.08	20.27	0.19	3486.37
MW - 15		12/18/12	3506.48	-	20.07	20.22	0.15	3486.39
MW - 15		01/09/13	3506.48	-	20.06	20.29	0.23	3486.39
MW - 15		01/15/13	3506.48	-	20.06	20.11	0.05	3486.41
MW - 15		01/23/13	3506.48	-	20.04	20.07	0.03	3486.44
MW - 15		01/29/13	3506.48	-	20.00	20.05	0.05	3486.47
MW - 15		02/07/13	3506.48	-	20.02	20.10	0.08	3486.45
MW - 15		02/13/13	3506.48	-	19.99	20.00	0.01	3486.49
MW - 15		02/20/13	3506.48	-	19.97	19.99	0.02	3486.51
MW - 15		03/15/13	3506.48	-	-	19.94	0.00	3486.54
MW - 15		03/19/13	3506.48	-	-	19.94	0.00	3486.54
MW - 15		04/02/13	3506.48	-	-	19.91	0.00	3486.57
MW - 15		04/09/13	3506.48	-	-	19.88	0.00	3486.60
MW - 15		04/16/13	3506.48	-	-	19.88	0.00	3486.60
MW - 15		04/23/13	3506.48	-	-	19.88	0.00	3486.60
MW - 15		04/30/13	3506.48	-	-	19.84	0.00	3486.64
MW - 15		05/08/13	3506.48	-	-	19.87	0.00	3486.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15		05/14/13	3506.48	-	-	19.87	0.00	3486.61
MW - 15		05/22/13	3506.48	-	-	19.83	0.00	3486.65
MW - 15		05/28/13	3506.48	-	-	19.86	0.00	3486.62
MW - 15		06/04/13	3506.48	-	-	19.88	0.00	3486.60
MW - 15		06/11/13	3506.48	-	-	19.91	0.00	3486.57
MW - 15		06/19/13	3506.48	-	-	19.97	0.00	3486.51
MW - 15		06/28/13	3506.48	-	-	21.11	0.00	3485.37
MW - 15		07/01/13	3506.48	-	-	20.22	0.00	3486.26
MW - 15		07/08/13	3506.48	-	-	20.20	0.00	3486.28
MW - 15		07/23/13	3506.48	-	20.26	20.34	0.08	3486.21
MW - 15		07/30/13	3506.48	-	-	20.19	0.00	3486.29
MW - 15		08/05/13	3506.48	-	-	20.21	0.00	3486.27
MW - 15		08/12/13	3506.48	29.27	-	20.17	0.00	3486.31
MW - 15		08/22/13	3506.48	-	-	20.36	0.00	3486.12
MW - 15		08/29/13	3506.48	-	-	20.34	0.00	3486.14
MW - 15		09/05/13	3506.48	-	-	20.38	0.00	3486.10
MW - 15		09/10/13	3506.48	-	-	20.58	0.00	3485.90
MW - 15		09/17/13	3506.48	-	-	20.58	0.00	3485.90
MW - 15		09/24/13	3506.48	-	-	20.51	0.00	3485.97
MW - 15		10/07/13	3506.48	-	-	20.61	0.00	3485.87
MW - 15		11/14/13	-	-	-	22.72	0.00	-
MW - 15		11/20/13	-	31.29	-	22.65	0.00	-
MW - 15		12/12/13	-	-	-	22.16	0.00	-
MW - 15		12/19/13	-	-	-	22.56	0.00	-
MW - 15		01/03/14	-	-	-	22.57	0.00	-
MW - 15		01/09/14	-	-	-	22.60	0.00	-
MW - 15		01/13/14	-	-	-	22.56	0.00	-
MW - 15		01/21/14	-	-	-	22.53	0.00	-
MW - 15		01/24/14	-	-	-	22.56	0.00	-
MW - 15	John Flores	02/04/14	3511.77	31.33	-	22.47	0.00	3489.30
MW - 15		02/10/14	3511.77	-	-	22.49	0.00	3489.28
MW - 15	David F.	02/27/14	3511.77	-	-	22.44	0.00	3489.33
MW - 15	David F.	03/17/14	3511.77	-	-	22.33	0.00	3489.44
MW - 15	David F.	03/27/14	3511.77	-	-	22.33	0.00	3489.44
MW - 15	David & Jose	04/02/14	3511.77	-	-	22.35	0.00	3489.42
MW - 15	Manny & Lira	04/16/14	3511.77	-	-	22.29	0.00	3489.48
MW - 15	David & Justin	04/28/14	3511.77	-	-	22.29	0.00	3489.48
MW - 15	Jose & Chance	05/14/14	3511.77	31.12	-	22.29	0.00	3489.48
MW - 15	Manny	05/21/14	3511.77	31.12	-	22.29	0.00	3489.48
MW - 15	Manny & Chanc	06/05/14	3511.77	-	-	22.39	0.00	3489.38
MW - 15	Manny	06/11/14	3511.77	-	-	22.45	0.00	3489.32
MW - 15	Manny	06/16/14	3511.77	-	-	22.55	0.00	3489.22
MW - 15	Manny	06/24/14	3511.77	-	-	22.65	0.00	3489.12
MW - 15	Manny	07/01/14	3511.77	-	-	22.76	0.00	3489.01
MW - 15	David	07/08/14	3511.77	-	-	22.77	0.00	3489.00
MW - 15	Manny	07/15/14	3511.77	-	22.78	22.80	0.02	3488.99
MW - 15	Manny	07/22/14	3511.77	-	22.84	22.88	0.04	3488.92
MW - 15	Manny	07/23/14	3511.77	-	22.84	22.88	0.04	3488.92
MW - 15	Manny	07/31/14	3511.77	-	22.90	24.11	1.21	3488.69
MW - 15	David F.	08/05/14	3511.77	-	22.92	22.95	0.03	3488.85
MW - 15	Manny	08/07/14	3511.77	-	22.90	23.98	1.08	3488.71
MW - 15	Manny	08/15/14	3511.77	-	22.92	23.73	0.81	3488.73
MW - 15	Manny	08/20/14	3511.77	-	22.94	23.18	0.24	3488.79
MW - 15	Manny	08/27/14	3511.77	-	22.98	23.31	0.33	3488.74
MW - 15	Manny	09/24/14	3511.77	-	-	22.25	0.00	3489.52
MW - 15	Manny	10/01/14	3511.77	-	-	21.90	0.00	3489.87
MW - 15	Manny	10/07/14	3511.77	-	-	21.81	0.00	3489.96
MW - 15	Manny	10/14/14	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Manny	10/20/14	3511.77	-	-	21.72	0.00	3490.05
MW - 15	Manny	10/27/14	3511.77	-	-	21.69	0.00	3490.08
MW - 15	Manny	11/03/14	3511.77	-	21.72	21.77	0.05	3490.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Manny	11/11/14	3511.77	-	-	21.68	0.00	3490.09
MW - 15	Manny	11/19/14	3511.77	-	21.65	21.66	0.01	3490.12
MW - 15	Manny	12/08/14	3511.77	-	21.70	21.89	0.19	3490.04
MW - 15	Manny	12/15/14	3511.77	-	-	21.72	0.00	3490.05
MW - 15	Manny	12/18/14	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Manny	12/22/14	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Manny	12/29/14	3511.77	-	21.72	21.75	0.03	3490.05
MW - 15	Manny	01/05/15	3511.77	-	-	21.76	0.00	3490.01
MW - 15	Manny	01/12/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Manny	01/19/15	3511.77	-	-	21.78	0.00	3489.99
MW - 15	Manny	02/04/15	3511.77	-	-	21.81	0.00	3489.96
MW - 15	Manny/Matt	02/09/15	3511.77	30.72	-	21.75	0.00	3490.02
MW - 15	Manny	02/19/15	3511.77	-	-	21.81	0.00	3489.96
MW - 15	Manny/Art	03/03/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Manny	03/09/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Carlos	03/16/15	3511.77	-	-	21.80	0.00	3489.97
MW - 15	Manny	03/20/15	3511.77	-	-	21.85	0.00	3489.92
MW - 15	Carlos	03/23/15	3511.77	-	-	21.85	0.00	3489.92
MW - 15	Manny/Art	03/30/15	3511.77	-	-	21.86	0.00	3489.91
MW - 15	Manny	04/04/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Manny/Art	04/07/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Manny/Art	04/14/15	3511.77	-	-	21.78	0.00	3489.99
MW - 15	Carlos/ Matt	04/20/15	3511.77	-	-	21.71	0.00	3490.06
MW - 15	Manny/Art	04/27/15	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Carlos	05/07/15	3511.77	-	-	21.61	0.00	3490.16
MW - 15	Carlos	05/11/15	3511.77	-	-	21.60	0.00	3490.17
MW - 15	Carlos	05/21/15	3511.77	-	-	21.60	0.00	3490.17
MW - 15	Manny/Art	05/27/15	3511.77	30.64	-	21.60	0.00	3490.17
MW - 15	Carlos	05/28/15	3511.77	-	-	21.55	0.00	3490.22
MW - 15	Manny	06/03/15	3511.77	-	-	21.57	0.00	3490.20
MW - 15	Manny	06/08/15	3511.77	-	-	21.56	0.00	3490.21
MW - 15	Manny	06/15/15	3511.77	-	-	21.61	0.00	3490.16
MW - 15	Arthur	06/25/15	3511.77	-	-	21.57	0.00	3490.20
MW - 15	Manny/Arthur	06/29/15	3511.77	-	21.50	21.51	0.01	3490.27
MW - 15	Manny	07/08/15	3511.77	-	-	21.74	0.00	3490.03
MW - 15	Carlos	07/09/15	3511.77	-	-	21.68	0.00	3490.09
MW - 15	Manny	07/14/15	3511.77	-	-	21.72	0.00	3490.05
MW - 15	Arthur	07/20/15	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Manny	07/28/15	3511.77	-	-	21.83	0.00	3489.94
MW - 15	Manny/Arthur	08/03/15	3511.77	30.58	-	21.92	0.00	3489.85
MW - 15	Carlos	08/04/15	3511.77	-	-	21.93	0.00	3489.84
MW - 15	Carlos	08/10/15	3511.77	-	-	21.97	0.00	3489.80
MW - 15	Carlos	08/17/15	3511.77	-	-	22.12	0.00	3489.65
MW - 15	Carlos	08/25/15	3511.77	-	21.95	22.01	0.06	3489.81
MW - 15	Arthur/Carlos	08/31/15	3511.77	-	21.93	22.06	0.13	3489.82
MW - 15	Carlos	09/08/15	3511.77	-	-	21.96	0.00	3489.81
MW - 15	Carlos	09/15/15	3511.77	-	-	22.12	0.00	3489.65
MW - 15	Manny	09/24/15	3511.77	-	-	22.29	0.00	3489.48
MW - 15	Manny	09/28/15	3511.77	-	-	22.32	0.00	3489.45
MW - 15	Manny	10/06/15	3511.77	-	-	22.20	0.00	3489.57
MW - 15	Carlos	10/12/15	3511.77	-	-	22.00	0.00	3489.77
MW - 15	Manny	10/26/15	3511.77	-	-	21.99	0.00	3489.78
MW - 15	Manny	11/06/15	3511.77	-	-	21.92	0.00	3489.85
MW - 15	Carlos	11/10/15	3511.77	-	-	21.81	0.00	3489.96
MW - 15	Manny	11/18/15	3511.77	30.61	-	21.92	0.00	3489.85
MW - 15	Carlos	12/02/15	3511.77	-	-	21.79	0.00	3489.98
MW - 15	Carlos	12/07/15	3511.77	-	-	21.89	0.00	3489.88
MW - 15	Carlos	12/14/15	3511.77	-	-	21.81	0.00	3489.96
MW - 15	Carlos	01/05/16	3511.77	-	-	21.73	0.00	3490.04
MW - 15	Manny	01/08/16	3511.77	-	-	21.76	0.00	3490.01
MW - 15	Manny	01/12/16	3511.77	-	-	21.83	0.00	3489.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Carlos	01/18/16	3511.77	-	-	21.70	0.00	3490.07
MW - 15	Carlos	01/25/16	3511.77	-	-	21.66	0.00	3490.11
MW - 15	Carlos	02/01/16	3511.77	-	-	21.55	0.00	3490.22
MW - 15	Carlos	02/08/16	3511.77	-	-	21.69	0.00	3490.08
MW - 15	Carlos	02/19/16	3511.77	-	-	21.66	0.00	3490.11
MW - 15	Manny	02/23/16	3511.77	30.62	-	21.59	0.00	3490.18
MW - 15	Manny	03/03/16	3511.77	-	-	21.69	0.00	3490.08
MW - 15	Carlos	03/07/16	3511.77	-	-	21.58	0.00	3490.19
MW - 15	Carlos	03/15/16	3511.77	-	-	21.60	0.00	3490.17
MW - 15	Manny	03/21/16	3511.77	-	-	21.57	0.00	3490.20
MW - 15	Carlos	03/28/16	3511.77	-	-	21.50	0.00	3490.27
MW - 15	Carlos	04/05/16	3511.77	-	-	21.46	0.00	3490.31
MW - 15	Manny	04/08/16	3511.77	-	-	21.56	0.00	3490.21
MW - 15	Carlos	04/12/16	3511.77	-	-	21.45	0.00	3490.32
MW - 15	Carlos	04/18/16	3511.77	-	-	21.52	0.00	3490.25
MW - 15	Carlos	04/25/16	3511.77	-	-	21.43	0.00	3490.34
MW - 15	Carlos	05/02/16	3511.77	-	-	22.77	0.00	3489.00
MW - 15	Carlos	05/23/16	3511.77	-	-	21.43	0.00	3490.34
MW - 15	Carlos	06/01/16	3511.77	-	-	21.47	0.00	3490.30
MW - 15	Manny	06/06/16	3511.77	30.59	-	21.50	0.00	3490.27
MW - 15	Carlos	06/28/16	3511.77	-	-	21.66	0.00	3490.11
MW - 15	Manny	07/12/16	3511.77	-	-	21.99	0.00	3489.78
MW - 15	Carlos	07/19/16	3511.77	-	-	22.01	0.00	3489.76
MW - 15	Carlos	07/27/16	3511.77	-	-	22.09	0.00	3489.68
MW - 15	Manny/ Wes	08/03/16	3511.77	30.54	-	22.05	0.00	3489.72
MW - 15	Carlos	08/08/16	3511.77	-	-	22.12	0.00	3489.65
MW - 15	Carlos	08/16/16	3511.77	-	22.12	22.19	0.07	3489.64
MW - 15	Carlos	08/23/16	3511.77	-	-	22.22	0.00	3489.55
MW - 15	Manny	08/31/16	3511.77	-	-	22.07	0.00	3489.70
MW - 15	Carlos	09/14/16	3511.77	-	-	21.28	0.00	3490.49
MW - 15	Carlos	09/22/16	3511.77	-	-	21.11	0.00	3490.66
MW - 15	Manny	09/27/16	3511.77	-	-	21.03	0.00	3490.74
MW - 15	Wesley	10/07/16	3511.77	-	-	20.95	0.00	3490.82
MW - 15	Manny	10/21/16	3511.77	-	-	20.98	0.00	3490.79
MW - 15	Manny	10/28/16	3511.77	-	-	20.96	0.00	3490.81
MW - 15	Manny	11/04/16	3511.77	-	-	20.99	0.00	3490.78
MW - 15	Manny	11/09/16	3511.77	30.53	-	21.07	0.00	3490.70
MW - 15	Wesley	12/06/16	3511.77	-	-	21.03	0.00	3490.74
MW - 15	Manny	12/15/16	3511.77	-	-	21.12	0.00	3490.65
MW - 15	Manny	12/22/16	3511.77	-	-	21.18	0.00	3490.59
MW - 15	Manny	12/29/16	3511.77	-	-	21.29	0.00	3490.48
MW - 15	Carlos	01/05/17	3511.77	-	-	21.06	0.00	3490.71
MW - 15	Manny	01/11/17	3511.77	-	-	21.09	0.00	3490.68
MW - 15	Carlos	01/18/17	3511.77	-	-	21.08	0.00	3490.69
MW - 15	Manny	01/26/17	3511.77	-	-	21.15	0.00	3490.62
MW - 15	Manny	01/31/17	3511.77	-	-	21.06	0.00	3490.71
MW - 15	Carlos	02/10/17	3511.77	-	-	21.08	0.00	3490.69
MW - 15	Wesley	02/17/17	3511.77	-	-	21.04	0.00	3490.73
MW - 15	Manny	02/24/17	3511.77	-	-	21.10	0.00	3490.67
MW - 15	Manny	03/01/17	3511.77	30.53	-	21.11	0.00	3490.66
MW - 15	Carlos	03/09/17	3511.77	-	-	21.11	0.00	3490.66
MW - 15	Wesley	03/15/17	3511.77	-	-	21.10	0.00	3490.67
MW - 15	Manny	03/22/17	3511.77	-	-	21.14	0.00	3490.63
MW - 15	Carlos	03/29/17	3511.77	-	-	21.11	0.00	3490.66
MW - 15	Manny	04/07/17	3511.77	-	-	21.09	0.00	3490.68
MW - 15	Wesley	04/11/17	3511.77	-	-	21.09	0.00	3490.68
MW - 15	Manny	04/20/17	3511.77	-	-	21.06	0.00	3490.71
MW - 15	Jeremy	05/02/17	3511.77	-	-	20.98	0.00	3490.79
MW - 15	Manny	05/12/17	3511.77	-	-	21.10	0.00	3490.67
MW - 15	Jeremy	05/16/17	3511.77	-	-	21.02	0.00	3490.75
MW - 15	Manny	05/23/17	3511.77	30.50	-	21.07	0.00	3490.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Jeremy	06/05/17	3511.77	-	-	21.12	0.00	3490.65
MW - 15	Manny	06/15/17	3511.77	-	-	21.23	0.00	3490.54
MW - 15	Jeremy	06/28/17	3511.77	-	-	21.43	0.00	3490.34
MW - 15	Jeremy	07/05/17	3511.77	-	-	21.45	0.00	3490.32
MW - 15	Jeremy	07/11/17	3511.77	-	-	21.45	0.00	3490.32
MW - 15	Jeremy	07/17/17	3511.77	-	-	21.43	0.00	3490.34
MW - 15	Jeremy	07/20/17	3511.77	-	-	21.62	0.00	3490.15
MW - 15	Jeremy	08/16/17	3511.77	29.09	-	21.48	0.00	3490.29
MW - 15	Jeremy	09/05/17	3511.77	-	-	21.30	0.00	3490.47
MW - 15	Jeremy	09/13/17	3511.77	-	-	21.27	0.00	3490.50
MW - 15	Jeremy	09/19/17	3511.77	-	-	21.32	0.00	3490.45
MW - 15	Jeremy	09/29/17	3511.77	-	-	21.51	0.00	3490.26
MW - 15	Jeremy	10/05/17	3511.77	-	-	21.57	0.00	3490.20
MW - 15	Jeremy	10/12/17	3511.77	-	-	21.32	0.00	3490.45
MW - 15	Jeremy	10/20/17	3511.77	-	-	21.32	0.00	3490.45
MW - 15	Jeremy	10/24/17	3511.77	-	-	21.34	0.00	3490.43
MW - 15	Jeremy	11/02/17	3511.77	-	-	21.29	0.00	3490.48
MW - 15	Manny/ Jeremy	11/14/17	3511.77	30.53	-	21.20	0.00	3490.57
MW - 15	Jeremy	12/20/17	3511.77	-	-	22.16	0.00	3489.61
MW - 15	Jeremy	12/28/17	3511.77	-	-	21.13	0.00	3490.64
MW - 15	Jeremy	01/03/18	3511.77	-	-	21.13	0.00	3490.64
MW - 15	Jeremy	01/09/18	3511.77	-	-	21.09	0.00	3490.68
MW - 15	Jeremy	01/19/18	3511.77	-	-	21.10	0.00	3490.67
MW - 15	Jeremy	01/24/18	3511.77	-	-	21.13	0.00	3490.64
MW - 15	Jeremy	02/07/18	3511.77	30.41	-	21.13	0.00	3490.64
MW - 15	Jeremy	02/12/18	3511.77	-	-	21.11	0.00	3490.66
MW - 15	Jeremy	02/22/18	3511.77	-	-	21.08	0.00	3490.69
MW - 15	Jeremy	03/02/18	3511.77	-	-	21.09	0.00	3490.68
MW - 15	Jeremy	03/07/18	3511.77	-	-	21.07	0.00	3490.70
MW - 15	Jeremy	03/19/18	3511.77	-	-	21.10	0.00	3490.67
MW - 15	Jeremy	03/29/18	3511.77	-	-	21.06	0.00	3490.71
MW - 15	Jeremy	04/02/18	3511.77	-	-	21.02	0.00	3490.75
MW - 15	Jeremy	04/11/18	3511.77	-	-	21.02	0.00	3490.75
MW - 15	Jeremy	04/16/18	3511.77	-	-	21.02	0.00	3490.75
MW - 15	Jeremy	04/25/18	3511.77	-	-	21.04	0.00	3490.73
MW - 15	Jeremy	05/01/18	3511.77	-	-	21.03	0.00	3490.74
MW - 15	Jeremy	05/08/18	3511.77	-	-	21.05	0.00	3490.72
MW - 15	Jeremy	05/22/18	3511.77	30.33	-	21.24	0.00	3490.53
MW - 15	Jeremy	05/31/18	3511.77	-	-	21.29	0.00	3490.48
MW - 15	Jeremy	06/06/18	3511.77	-	-	21.39	0.00	3490.38
MW - 15	Jeremy	06/13/18	3511.77	-	-	21.44	0.00	3490.33
MW - 15	Jeremy	06/18/18	3511.77	-	-	21.44	0.00	3490.33
MW - 15	Jeremy	06/25/18	3511.77	-	-	21.47	0.00	3490.30
MW - 15	Jeremy	07/02/18	3511.77	-	-	21.57	0.00	3490.20
MW - 15	Jeremy	07/11/18	3511.77	-	-	21.73	0.00	3490.04
MW - 15	Jeremy	07/19/18	3511.77	-	-	21.69	0.00	3490.08
MW - 15	Jeremy	07/27/18	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Jeremy/ Wesley	08/08/18	3511.77	30.36	-	21.84	0.00	3489.93
MW - 15	Jeremy	08/30/18	3511.77	30.36	-	21.95	0.00	3489.82
MW - 15	Jeremy	09/12/18	3511.77	30.36	-	22.01	0.00	3489.76
MW - 15	Jeremy	09/20/18	3511.77	30.36	-	21.82	0.00	3489.95
MW - 15	Jeremy	09/26/18	3511.77	30.36	-	21.93	0.00	3489.84
MW - 15	Jeremy	10/03/18	3511.77	30.36	-	21.81	0.00	3489.96
MW - 15	Jeremy	10/19/18	3511.77	30.36	-	21.84	0.00	3489.93
MW - 15	Jeremy	10/31/18	3511.77	30.36	-	21.67	0.00	3490.10
MW - 15	Jeremy	11/06/18	3511.77	30.36	-	21.67	0.00	3490.10
MW - 15	Jeremy	11/13/18	3511.77	30.32	-	21.68	0.00	3490.09
MW - 15	Jeremy	12/03/18	3511.77	30.32	-	21.61	0.00	3490.16
MW - 15	Manny/Elias	12/19/18	3511.77	-	-	21.51	0.00	3490.26
MW - 15	Jeremy	12/27/18	3511.77	-	-	21.50	0.00	3490.27
MW - 15	Jeremy	01/03/19	3511.77	-	-	21.61	0.00	3490.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Jeremy	01/09/19	3511.77	-	-	21.56	0.00	3490.21
MW - 15	Jeremy	01/16/19	3511.77	-	-	21.53	0.00	3490.24
MW - 15	Jeremy	01/31/19	3511.77	-	-	21.54	0.00	3490.23
MW - 15	Jeremy	02/06/19	3511.77	-	-	21.45	0.00	3490.32
MW - 15	Jeremy	02/12/19	3511.77	30.33	-	21.47	0.00	3490.30
MW - 15	Jeremy	02/28/19	3511.77	-	-	21.43	0.00	3490.34
MW - 15	Jeremy	03/06/19	3511.77	-	-	21.46	0.00	3490.31
MW - 15	Jeremy	03/12/19	3511.77	-	-	21.41	0.00	3490.36
MW - 15	Elias	03/19/19	3511.77	-	-	21.51	0.00	3490.26
MW - 15	Elias	03/28/19	3511.77	-	-	21.41	0.00	3490.36
MW - 15	Elias	04/01/19	3511.77	-	-	21.45	0.00	3490.32
MW - 15	Elias	04/10/19	3511.77	-	-	21.36	0.00	3490.41
MW - 15	Elias	04/17/19	3511.77	-	-	21.31	0.00	3490.46
MW - 15	Elias	04/24/19	3511.77	-	-	21.33	0.00	3490.44
MW - 15	Elias	05/01/19	3511.77	-	-	21.32	0.00	3490.45
MW - 15	Elias	05/08/19	3511.77	30.31	-	21.30	0.00	3490.47
MW - 15	Elias	06/14/19	3511.77	-	-	21.50	0.00	3490.27
MW - 15	Elias	06/28/19	3511.77	-	-	21.61	0.00	3490.16
MW - 15	Elias	07/11/19	3511.77	-	-	21.75	0.00	3490.02
MW - 15	Elias	08/08/19	3511.77	30.29	-	22.00	0.00	3489.77
MW - 15	Elias	09/05/19	3511.77	-	-	-	-	-
MW - 15	Elias	09/12/19	3511.77	-	-	22.12	0.00	3489.65
MW - 15	Elias	09/17/19	3511.77	-	-	22.19	0.00	3489.58
MW - 15	Elias	09/23/19	3511.77	-	-		0.00	3511.77
MW - 15	Elias	10/08/19	3511.77	-	-	21.95	0.00	3489.82
MW - 15	Elias	10/15/19	3511.77	-	-	21.91	0.00	3489.86
MW - 15	Elias	11/06/19	3511.77	30.29	-	21.86	0.00	3489.91
MW - 15	Elias	12/17/19	3511.77	-	-	21.67	0.00	3490.10
MW - 15	Elias	01/06/20	3511.77	-	-	21.60	0.00	3490.17
MW - 15	Elias	01/23/20	3511.77	-	-	21.58	0.00	3490.19
MW - 15	Elias	02/21/20	3511.77	-	-	21.56	0.00	3490.21
MW - 15	Elias	03/05/20	3511.77	30.28	-	21.55	0.00	3490.22
MW - 15	Manny	05/14/20	3511.77	-	-	21.29	0.00	3490.48
MW - 15	Manny	05/21/20	3511.77	-	-	21.30	0.00	3490.47
MW - 15	Manny	06/18/20	3511.77	30.19	-	21.66	0.00	3490.11
MW - 15	Manny	07/01/20	3511.77	-	-	21.86	0.00	3489.91
MW - 15	Manny	07/21/20	3511.77	-	-	22.01	0.00	3489.76
MW - 15	Manny	08/13/20	3511.77	30.22	-	22.21	0.00	3489.56
MW - 15	Manny	09/14/20	3511.77	-	22.28	22.30	0.02	3489.49
MW - 15	Manny	09/30/20	3511.77	-	22.30	22.31	0.01	3489.47
MW - 15	Manny	10/16/20	3511.77	-	-	22.34	0.00	3489.43
MW - 15	Manny	11/23/20	3511.77	-	-	22.42	0.00	3489.35
MW - 15	Manny	12/10/20	3511.77	30.12	-	22.44	0.00	3489.33
MW - 15	Manny	12/31/20	3511.77	-	-	22.43	0.00	3489.34
MW - 15	Manny	01/13/21	3511.77	-	-	22.32	0.00	3489.45
MW - 15	Manny	01/22/21	3511.77	-	-	22.34	0.00	3489.43
MW - 15	Manny	02/11/21	3511.77	30.10	-	22.32	0.00	3489.45
MW - 15	Manny	04/21/21	3511.77	-	-	22.21	0.00	3489.56
MW - 15	Manny	04/28/21	3511.77	-	-	22.18	0.00	3489.59
MW - 15	Manny	06/11/21	3511.77	30.09	-	22.22	0.00	3489.55
MW - 15	Manny	07/31/21	3511.77	-	-	22.20	0.00	3489.57
MW - 15	Manny	08/31/21	3511.77	-	-	22.42	0.00	3489.35
MW - 15	Manny	09/23/21	3511.77	30.14	-	22.46	0.00	3489.31
MW - 15	Manny	10/14/21	3511.77	-	-	22.51	0.00	3489.26
MW - 15	Manny	10/28/21	3511.77	-	-	22.55	0.00	3489.22
MW - 15	Manny	12/06/21	3511.77	30.16	-	22.58	0.00	3489.19
MW - 15	Manny	02/23/22	3511.77	-	-	22.49	0.00	3489.28
MW - 15	Manny	03/16/22	3511.77	30.04	-	22.46	0.00	3489.31
MW - 15	Manny	04/20/22	3511.77	-	-	22.47	0.00	3489.30
MW - 15	Manny	05/11/22	3511.77	30.05	-	22.52	0.00	3489.25
MW - 15	Manny	08/16/22	3511.77	25.95	-	22.90	0.00	3488.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 15	Manny	11/11/22	3511.77	24.10	-	22.76	0.00	3489.01
MW - 15	Manny	03/01/23	3511.77	30.05	-	22.43	0.00	3489.34
MW - 15	Manny	05/11/23	3511.77	30.03	-	22.29	0.00	3489.48
MW - 15	Manny	08/17/23	3511.77	-	22.86	22.88	0.02	3488.91
MW - 15	Manny	12/14/23	3511.77	-	22.61	22.63	0.02	3489.16
MW - 15	Manny	02/26/24	3511.77	-	22.44	22.48	0.04	3489.32
MW - 15	Manny	05/01/24	3511.77	-	-	22.30	0.00	3489.47
MW - 15	Manny	06/17/24	3511.77	30.02	-	22.72	0.00	3489.05
MW - 15	Manny	09/23/24	3511.77	-	23.22	23.54	0.32	3488.50
MW - 15	Manny	12/09/24	3511.77	30.02	-	23.05	0.00	3488.72
MW - 16		06/20/02	3509.38	-	-	20.88	0.00	3488.50
MW - 16		09/26/02	3509.38	-	-	21.43	0.00	3487.95
MW - 16		11/12/02	3509.38	-	-	21.24	0.00	3488.14
MW - 16		02/12/03	3509.38	-	-	20.89	0.00	3488.49
MW - 16		05/14/03	3509.38	-	-	21.10	0.00	3488.28
MW - 16		08/21/03	3509.38	-	-	21.86	0.00	3487.52
MW - 16		12/10/03	3509.38	-	-	21.85	0.00	3487.53
MW - 16		02/11/04	3509.38	-	-	21.82	0.00	3487.56
MW - 16		05/11/04	3509.38	-	-	20.63	0.00	3488.75
MW - 16		08/25/04	3509.38	-	-	21.10	0.00	3488.28
MW - 16		12/02/04	3509.38	-	-	20.37	0.00	3489.01
MW - 16		03/08/05	3509.38	-	-	19.73	0.00	3489.65
MW - 16		06/08/05	3509.38	-	-	19.27	0.00	3490.11
MW - 16		09/15/05	3509.38	-	-	19.56	0.00	3489.82
MW - 16		12/12/05	3509.38	-	-	19.37	0.00	3490.01
MW - 16		03/16/06	3509.38	-	-	19.30	0.00	3490.08
MW - 16		06/15/06	3509.38	-	-	19.79	0.00	3489.59
MW - 16		09/18/06	3509.38	-	-	19.53	0.00	3489.85
MW - 16		11/30/06	3509.38	-	-	19.48	0.00	3489.90
MW - 16		02/27/07	3509.38	-	-	19.32	0.00	3490.06
MW - 16		05/22/07	3509.38	-	-	23.23	0.00	3486.15
MW - 16		08/15/07	3509.38	-	-	19.86	0.00	3489.52
MW - 16		11/06/07	3509.38	-	-	19.65	0.00	3489.73
MW - 16		02/12/08	3509.38	-	-	19.47	0.00	3489.91
MW - 16		05/13/08	3509.38	-	-	19.42	0.00	3489.96
MW - 16		08/14/08	3509.38	-	-	20.26	0.00	3489.12
MW - 16		11/12/08	3509.38	-	-	19.73	0.00	3489.65
MW - 16		02/10/09	3509.38	-	-	19.58	0.00	3489.80
MW - 16		05/12/09	3509.38	-	-	19.51	0.00	3489.87
MW - 16		08/10/09	3509.38	-	-	20.23	0.00	3489.15
MW - 16		11/18/09	3509.38	-	-	20.42	0.00	3488.96
MW - 16		01/04/10	3509.38	-	-	20.36	0.00	3489.02
MW - 16		02/09/10	3509.38	-	-	20.18	0.00	3489.20
MW - 16		05/12/10	3509.38	-	-	19.75	0.00	3489.63
MW - 16		08/11/10	3509.38	-	-	19.75	0.00	3489.63
MW - 16		11/11/10	3509.38	-	-	20.40	0.00	3488.98
MW - 16		02/16/11	3509.38	-	-	20.39	0.00	3488.99
MW - 16		05/19/11	3509.38	-	-	20.42	0.00	3488.96
MW - 16		08/10/11	3509.38	-	-	20.55	0.00	3488.83
MW - 16		11/14/11	3509.38	-	-	20.51	0.00	3488.87
MW - 16		02/29/12	3509.38	-	-	20.20	0.00	3489.18
MW - 16		05/02/12	3509.38	-	-	20.11	0.00	3489.27
MW - 16		12/06/12	3509.38	-	-	20.48	0.00	3488.90
MW - 16		02/13/13	3509.38	-	-	20.34	0.00	3489.04
MW - 16		05/22/13	3509.38	-	-	20.19	0.00	3489.19
MW - 16		08/12/13	3509.38	-	-	20.57	0.00	3488.81
MW - 16		11/20/13	3509.38	27.63	-	20.65	0.00	3488.73
MW - 16	John Flores	02/04/14	3510.44	-	-	20.43	0.00	3490.01
MW - 16	Jose & Chance	05/14/14	3510.44	-	-	20.27	0.00	3490.17
MW - 16	Manny	07/22/14	3510.44	-	-	20.93	0.00	3489.51

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 16	David	08/05/14	3510.44	-	-	21.00	0.00	3489.44
MW - 16	Manny	10/27/14	3510.44	-	-	19.93	0.00	3490.51
MW - 16	Manny	11/19/14	3510.44	27.56	-	19.86	0.00	3490.58
MW - 16	Manny/Matt	02/09/15	3510.44	27.56	-	19.81	0.00	3490.63
MW - 16	Manny	03/20/15	3510.44	-	-	19.80	0.00	3490.64
MW - 16	Manny	04/04/15	3510.44	-	-	19.77	0.00	3490.67
MW - 16	Manny/Arthur	05/27/15	3510.44	-	-	19.62	0.00	3490.82
MW - 16	Carlos	07/09/15	3510.44	-	-	19.71	0.00	3490.73
MW - 16	Manny/Arthur	08/03/15	3510.44	-	-	20.01	0.00	3490.43
MW - 16	Manny	09/24/15	3510.44	-	-	20.25	0.00	3490.19
MW - 16	Manny	11/18/15	3510.44	27.56	-	19.84	0.00	3490.60
MW - 16	Manny	01/08/16	3510.44	-	-	19.72	0.00	3490.72
MW - 16	Manny	02/23/16	3510.44	-	-	19.64	0.00	3490.80
MW - 16	Manny	04/08/16	3510.44	-	-	19.53	0.00	3490.91
MW - 16	Manny	06/06/16	3510.44	-	-	19.60	0.00	3490.84
MW - 16	Carlos	06/28/16	3510.44	-	-	19.85	0.00	3490.59
MW - 16	Carlos	07/27/16	3510.44	-	-	20.19	0.00	3490.25
MW - 16	Manny/ Wes	08/03/16	3510.44	-	-	20.26	0.00	3490.18
MW - 16	Manny	09/27/16	3510.44	-	-	19.37	0.00	3491.07
MW - 16	Manny	10/21/16	3510.44	-	-	19.20	0.00	3491.24
MW - 16	Manny	11/08/16	3510.44	27.55	-	19.19	0.00	3491.25
MW - 16	Manny	01/26/17	3510.44	-	-	19.22	0.00	3491.22
MW - 16	Manny	02/28/17	3510.44	-	-	19.20	0.00	3491.24
MW - 16	Wesley	03/15/17	3510.44	-	-	19.17	0.00	3491.27
MW - 16	Manny	05/23/17	3510.44	-	-	19.18	0.00	3491.26
MW - 16	Jeremy	08/16/17	3510.44	-	-	19.66	0.00	3490.78
MW - 16	Jeremy	09/13/17	3510.44	-	-	19.79	0.00	3490.65
MW - 16	Jeremy	10/12/17	3510.44	-	-	19.42	0.00	3491.02
MW - 16	Manny/ Jeremy	11/13/17	3510.44	27.50	-	19.35	0.00	3491.09
MW - 16	Jeremy	12/20/17	3510.44	-	-	19.26	0.00	3491.18
MW - 16	Jeremy	01/09/18	3510.44	-	-	19.24	0.00	3491.20
MW - 16	Jeremy	02/07/18	3510.44	-	-	19.21	0.00	3491.23
MW - 16	Jeremy	03/29/18	3510.44	-	-	19.15	0.00	3491.29
MW - 16	Jeremy	04/16/18	3510.44	-	-	19.11	0.00	3491.33
MW - 16	Jeremy	05/21/18	3510.44	-	-	19.32	0.00	3491.12
MW - 16	Jeremy	06/18/18	3510.44	-	-	19.61	0.00	3490.83
MW - 16	Jeremy	07/11/18	3510.44	-	-	19.76	0.00	3490.68
MW - 16	Jeremy/ Wesley	08/08/18	3510.44	-	-	20.01	0.00	3490.43
MW - 16	Jeremy	09/12/18	3510.44	-	-	20.09	0.00	3490.35
MW - 16	Jeremy	11/12/18	3510.44	27.26	-	19.75	0.00	3490.69
MW - 16	Jeremy	01/09/19	3510.44	-	-	19.58	0.00	3490.86
MW - 16	Jeremy	02/12/19	3510.44	-	-	19.52	0.00	3490.92
MW - 16	Elias	03/12/19	3510.44	-	-	19.47	0.00	3490.97
MW - 16	Elias	04/01/19	3510.44	-	-	19.40	0.00	3491.04
MW - 16	Elias	05/07/19	3510.44	-	-	19.32	0.00	3491.12
MW - 16	Elias	06/14/19	3510.44	-	-	19.57	0.00	3490.87
MW - 16	Elias	07/11/19	3510.44	-	-	19.89	0.00	3490.55
MW - 16	Elias	08/07/19	3510.44	-	-	20.10	0.00	3490.34
MW - 16	Elias	09/12/19	3510.44	-	-	20.25	0.00	3490.19
MW - 16	Elias	10/15/19	3510.44	-	-	20.05	0.00	3490.39
MW - 16	Elias	11/05/19	3510.44	27.29	-	19.97	0.00	3490.47
MW - 16	Elias	12/17/19	3510.44	-	-	19.76	0.00	3490.68
MW - 16	Elias	01/06/20	3510.44	-	-	19.70	0.00	3490.74
MW - 16	Elias	03/04/20	3510.44	-	-	19.60	0.00	3490.84
MW - 16	Manny	05/14/20	3510.44	-	-	19.36	0.00	3491.08
MW - 16	Manny	06/17/20	3510.44	-	-	19.83	0.00	3490.61
MW - 16	Manny	07/21/20	3510.44	-	-	20.15	0.00	3490.29
MW - 16	Manny	08/12/20	3510.44	-	-	20.28	0.00	3490.16
MW - 16	Manny	09/14/20	3510.44	-	-	20.42	0.00	3490.02
MW - 16	Manny	12/09/20	3510.44	27.15	-	20.51	0.00	3489.93
MW - 16	Manny	01/13/21	3510.44	-	-	20.44	0.00	3490.00

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 16	Manny	02/10/21	3510.44	-	-	20.37	0.00	3490.07
MW - 16	Manny	04/21/21	3510.44	-	-	20.26	0.00	3490.18
MW - 16	Manny	06/09/21	3510.44	-	-	20.25	0.00	3490.19
MW - 16	Manny	09/22/21	3510.44	-	-	20.61	0.00	3489.83
MW - 16	Manny	10/14/21	3510.44	-	-	20.64	0.00	3489.80
MW - 16	Manny	12/06/21	3510.44	27.11	-	20.67	0.00	3489.77
MW - 16	Manny	03/14/22	3510.44	20.54	-	20.67	0.00	3489.77
MW - 16	Manny	04/20/22	3510.44	-	-	20.52	0.00	3489.92
MW - 16	Manny	05/09/22	3510.44	-	-	20.58	0.00	3489.86
MW - 16	Manny	08/16/22	3510.44	-	-	21.12	0.00	3489.32
MW - 16	Manny	11/09/22	3510.44	27.18	-	20.88	0.00	3489.56
MW - 16	Manny	02/27/23	3510.44	-	-	20.53	0.00	3489.91
MW - 16	Manny	05/10/23	3510.44	-	-	20.34	0.00	3490.10
MW - 16	Manny	08/16/23	3510.44	-	-	21.05	0.00	3489.39
MW - 16	Manny	12/13/23	3510.44	27.09	-	20.76	0.00	3489.68
MW - 16	Manny	02/26/24	3510.44	27.09	-	20.54	0.00	3489.90
MW - 16	Manny	06/17/24	3510.44	27.09	-	20.91	0.00	3489.53
MW - 16	Manny	09/23/24	3510.44	-	-	21.36	0.00	3489.08
MW - 16	Manny	12/09/24	3510.44	27.07	-	21.14	0.00	3489.30
MW - 17		06/20/02	3507.56	-	-	19.87	0.00	3487.69
MW - 17		09/26/02	3507.56	-	-	20.30	0.00	3487.26
MW - 17		11/12/02	3507.56	-	-	20.23	0.00	3487.33
MW - 17		02/12/03	3507.56	-	-	19.88	0.00	3487.68
MW - 17		05/14/03	3507.56	-	-	20.09	0.00	3487.47
MW - 17		08/21/03	3507.56	-	-	20.74	0.00	3486.82
MW - 17		12/10/03	3507.56	-	-	20.71	0.00	3486.85
MW - 17		05/11/04	3507.56	-	-	19.63	0.00	3487.93
MW - 17		08/25/04	3507.56	-	-	19.96	0.00	3487.60
MW - 17		12/02/04	3507.56	-	-	19.23	0.00	3488.33
MW - 17		03/08/05	3507.56	-	-	18.74	0.00	3488.82
MW - 17		06/08/05	3507.56	-	-	18.28	0.00	3489.28
MW - 17		09/15/05	3507.56	-	-	18.43	0.00	3489.13
MW - 17		12/12/05	3507.56	-	-	18.28	0.00	3489.28
MW - 17		03/16/06	3507.56	-	-	18.25	0.00	3489.31
MW - 17		06/15/06	3507.56	-	-	18.60	0.00	3488.96
MW - 17		09/18/06	3507.56	-	-	18.40	0.00	3489.16
MW - 17		11/30/06	3507.56	-	-	18.39	0.00	3489.17
MW - 17		02/27/07	3507.56	-	-	18.22	0.00	3489.34
MW - 17		05/22/07	3507.56	-	-	18.03	0.00	3489.53
MW - 17		08/15/07	3507.56	-	-	18.67	0.00	3488.89
MW - 17		11/06/07	3507.56	-	-	18.51	0.00	3489.05
MW - 17		02/12/08	3507.56	-	-	18.36	0.00	3489.20
MW - 17		05/13/08	3507.56	-	-	18.36	0.00	3489.20
MW - 17		08/14/08	3507.56	-	-	19.03	0.00	3488.53
MW - 17		11/12/08	3507.56	-	-	18.65	0.00	3488.91
MW - 17		01/19/09	3507.56	-	18.51	18.63	0.12	3489.03
MW - 17		02/10/09	3507.56	-	-	18.47	0.00	3489.09
MW - 17		05/12/09	3507.56	-	-	18.44	0.00	3489.12
MW - 17		08/10/09	3507.56	-	-	18.99	0.00	3488.57
MW - 17		11/18/09	3507.56	-	-	19.28	0.00	3488.28
MW - 17		01/04/10	3507.56	-	-	19.24	0.00	3488.32
MW - 17		02/09/10	3507.56	-	-	19.09	0.00	3488.47
MW - 17		05/12/10	3507.56	-	-	18.70	0.00	3488.86
MW - 17		08/11/10	3507.56	-	-	18.70	0.00	3488.86
MW - 17		11/11/10	3507.56	-	-	19.29	0.00	3488.27
MW - 17		02/16/11	3507.56	-	-	19.31	0.00	3488.25
MW - 17		05/19/11	3507.56	-	-	19.34	0.00	3488.22
MW - 17		08/10/11	3507.56	-	-	19.39	0.00	3488.17
MW - 17		11/14/11	3507.56	-	-	19.37	0.00	3488.19
MW - 17		02/29/12	3507.56	-	-	19.12	0.00	3488.44

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17		05/02/12	3507.56	-	-	19.01	0.00	3488.55
MW - 17		12/06/12	3507.56	-	-	20.19	0.00	3487.37
MW - 17		02/13/13	3507.56	-	-	20.07	0.00	3487.49
MW - 17		05/22/13	3507.56	-	-	19.84	0.00	3487.72
MW - 17		08/12/13	3507.56	-	-	20.17	0.00	3487.39
MW - 17		11/20/13	3507.56	26.69	-	20.27	0.00	3487.29
MW - 17	John Flores	02/04/14	3509.33	-	-	20.09	0.00	3489.24
MW - 17	Jose & Chance	05/14/14	3509.33	-	-	19.94	0.00	3489.39
MW - 17	Manny	07/22/14	3509.33	-	-	20.49	0.00	3488.84
MW - 17	David	08/05/14	3509.33	-	-	20.53	0.00	3488.80
MW - 17	Manny	10/27/14	3509.33	-	-	19.36	0.00	3489.97
MW - 17	Manny	11/19/14	3509.33	26.70	-	19.32	0.00	3490.01
MW - 17	Manny/Matt	02/09/15	3509.33	26.70	-	19.42	0.00	3489.91
MW - 17	Manny	03/20/15	3509.33	-	-	19.42	0.00	3489.91
MW - 17	Manny	04/04/15	3509.33	-	-	19.40	0.00	3489.93
MW - 17	Manny/Arthur	05/27/15	3509.33	-	-	19.23	0.00	3490.10
MW - 17	Carlos	07/09/15	3509.33	-	-	19.22	0.00	3490.11
MW - 17	Manny/Arthur	08/03/15	3509.33	-	-	19.49	0.00	3489.84
MW - 17	Manny	09/24/15	3509.33	-	-	19.73	0.00	3489.60
MW - 17	Manny	11/18/15	3509.33	26.73	-	19.40	0.00	3489.93
MW - 17	Manny	01/08/16	3509.33	-	-	19.31	0.00	3490.02
MW - 17	Manny	02/23/16	3509.33	-	-	19.25	0.00	3490.08
MW - 17	Manny	04/08/16	3509.33	-	-	19.17	0.00	3490.16
MW - 17	Manny	06/06/16	3509.33	-	-	19.17	0.00	3490.16
MW - 17	Carlos	06/28/16	3509.33	-	-	19.36	0.00	3489.97
MW - 17	Carlos	07/27/16	3509.33	-	-	19.67	0.00	3489.66
MW - 17	Manny/ Wes	08/03/16	3509.33	-	-	19.73	0.00	3489.60
MW - 17	Manny	09/27/16	3509.33	-	-	18.67	0.00	3490.66
MW - 17	Manny	10/21/16	3509.33	-	-	18.64	0.00	3490.69
MW - 17	Manny	11/08/16	3509.33	26.70	-	18.69	0.00	3490.64
MW - 17	Manny	01/26/17	3509.33	-	-	18.79	0.00	3490.54
MW - 17	Manny	02/28/17	3509.33	-	-	18.78	0.00	3490.55
MW - 17	Wesley	03/15/17	3509.33	-	-	18.76	0.00	3490.57
MW - 17	Manny	05/23/17	3509.33	-	-	18.73	0.00	3490.60
MW - 17	Jeremy	07/20/17	3509.33	-	-	19.23	0.00	3490.10
MW - 17	Jeremy	08/16/17	3509.33	-	-	19.13	0.00	3490.20
MW - 17	Jeremy	09/13/17	3509.33	-	-	19.28	0.00	3490.05
MW - 17	Jeremy	10/12/17	3509.33	-	-	19.91	0.00	3489.42
MW - 17	Manny/ Jeremy	11/13/17	3509.33	26.71	-	18.88	0.00	3490.45
MW - 17	Jeremy	12/20/17	3509.33	-	-	18.83	0.00	3490.50
MW - 17	Jeremy	01/09/18	3509.33	-	-	18.81	0.00	3490.52
MW - 17	Jeremy	02/07/18	3509.33	-	-	18.81	0.00	3490.52
MW - 17	Jeremy	03/29/18	3509.33	-	-	18.76	0.00	3490.57
MW - 17	Jeremy	04/16/18	3509.33	-	-	18.73	0.00	3490.60
MW - 17	Jeremy	05/21/18	3509.33	-	-	18.88	0.00	3490.45
MW - 17	Jeremy	06/18/18	3509.33	-	-	19.16	0.00	3490.17
MW - 17	Jeremy	07/11/18	3509.33	-	-	19.32	0.00	3490.01
MW - 17	Jeremy/ Wesley	08/08/18	3509.33	-	-	19.49	0.00	3489.84
MW - 17	Jeremy	09/12/18	3509.33	-	-	19.62	0.00	3489.71
MW - 17	Jeremy	11/12/18	3509.33	26.64	-	19.28	0.00	3490.05
MW - 17	Jeremy	01/09/19	3509.33	-	-	19.16	0.00	3490.17
MW - 17	Jeremy	02/12/19	3509.33	-	-	19.13	0.00	3490.20
MW - 17	Elias	03/12/19	3509.33	-	-	19.06	0.00	3490.27
MW - 17	Elias	04/01/19	3509.33	-	-	19.03	0.00	3490.30
MW - 17	Elias	05/07/19	3509.33	-	-	18.93	0.00	3490.40
MW - 17	Elias	06/14/19	3509.33	-	-	19.13	0.00	3490.20
MW - 17	Elias	07/11/19	3509.33	-	-	19.41	0.00	3489.92
MW - 17	Elias	08/07/19	3509.33	-	-	19.57	0.00	3489.76
MW - 17	Elias	09/12/19	3509.33	-	-	19.76	0.00	3489.57
MW - 17	Elias	10/15/19	3509.33	-	-	19.51	0.00	3489.82
MW - 17	Elias	11/06/19	3509.33	26.69	-	19.51	0.00	3489.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 17	Elias	12/17/19	3509.33	-	-	19.31	0.00	3490.02
MW - 17	Elias	01/06/20	3509.33	-	-	19.27	0.00	3490.06
MW - 17	Elias	03/04/20	3509.33	-	-	19.19	0.00	3490.14
MW - 17	Manny	05/14/20	3509.33	-	-	18.95	0.00	3490.38
MW - 17	Manny	06/17/20	3509.33	-	-	19.31	0.00	3490.02
MW - 17	Manny	07/21/20	3509.33	-	-	19.62	0.00	3489.71
MW - 17	Manny	08/13/20	3509.33	-	-	19.76	0.00	3489.57
MW - 17	Manny	09/14/20	3509.33	-	-	19.89	0.00	3489.44
MW - 17	Manny	12/09/20	3509.33	26.62	-	20.06	0.00	3489.27
MW - 17	Manny	01/13/21	3509.33	-	-	20.02	0.00	3489.31
MW - 17	Manny	02/10/21	3509.33	-	-	19.97	0.00	3489.36
MW - 17	Manny	04/21/21	3509.33	-	-	19.86	0.00	3489.47
MW - 17	Manny	06/09/21	3509.33	-	-	19.84	0.00	3489.49
MW - 17	Manny	09/22/21	3509.33	-	-	20.09	0.00	3489.24
MW - 17	Manny	10/14/21	3509.33	-	-	20.13	0.00	3489.20
MW - 17	Manny	12/06/21	3509.33	26.61	-	20.21	0.00	3489.12
MW - 17	Manny	03/14/22	3509.33	-	-	20.15	0.00	3489.18
MW - 17	Manny	04/20/22	3509.33	-	-	20.12	0.00	3489.21
MW - 17	Manny	05/09/22	3509.33	-	-	-	-	-
MW - 17	Manny	08/16/22	3509.33	-	-	20.60	0.00	3488.73
MW - 17	Manny	11/09/22	3509.33	26.60	-	20.45	0.00	3488.88
MW - 17	Manny	02/27/23	3509.33	-	-	20.15	0.00	3489.18
MW - 17	Manny	05/10/23	3509.33	-	-	19.97	0.00	3489.36
MW - 17	Manny	08/16/23	3509.33	-	-	20.60	0.00	3488.73
MW - 17	Manny	12/15/23	3509.33	26.60	-	20.26	0.00	3489.07
MW - 17	Manny	02/26/24	3509.33	26.60	-	20.16	0.00	3489.17
MW - 17	Manny	06/17/24	3509.33	26.60	-	20.49	0.00	3488.84
MW - 17	Manny	09/23/24	3509.33	-	-	20.94	0.00	3488.39
MW - 17	Manny	12/09/24	3509.33	26.58	-	20.76	0.00	3488.57
MW - 18		06/20/02	3509.12	-	-	21.29	0.00	3487.83
MW - 18		09/26/02	3509.12	-	-	21.70	0.00	3487.42
MW - 18		11/12/02	3509.12	-	-	21.61	0.00	3487.51
MW - 18		02/12/03	3509.12	-	-	21.29	0.00	3487.83
MW - 18		05/14/03	3509.12	-	-	21.34	0.00	3487.78
MW - 18		08/21/03	3509.12	-	-	22.13	0.00	3486.99
MW - 18		12/10/03	3509.12	-	-	22.11	0.00	3487.01
MW - 18		02/11/04	3509.12	-	-	22.21	0.00	3486.91
MW - 18		05/11/04	3509.12	-	-	20.97	0.00	3488.15
MW - 18		08/10/04	3509.12	-	19.50	19.58	0.08	3489.61
MW - 18		08/25/04	3509.12	-	-	21.38	0.00	3487.74
MW - 18		12/02/04	3509.12	-	-	20.68	0.00	3488.44
MW - 18		03/08/05	3509.12	-	-	20.12	0.00	3489.00
MW - 18		06/08/05	3509.12	-	-	19.62	0.00	3489.50
MW - 18		09/15/05	3509.12	-	-	19.79	0.00	3489.33
MW - 18		12/12/05	3509.12	-	-	19.62	0.00	3489.50
MW - 18		03/16/06	3509.12	-	-	19.51	0.00	3489.61
MW - 18		06/15/06	3509.12	-	-	20.06	0.00	3489.06
MW - 18		09/18/06	3509.12	-	-	19.82	0.00	3489.30
MW - 18		11/30/06	3509.12	-	-	19.79	0.00	3489.33
MW - 18		02/27/07	3509.12	-	-	19.62	0.00	3489.50
MW - 18		05/22/07	3509.12	-	-	19.44	0.00	3489.68
MW - 18		08/15/07	3509.12	-	-	20.13	0.00	3488.99
MW - 18		11/06/07	3509.12	-	-	19.94	0.00	3489.18
MW - 18		02/12/08	3509.12	-	-	19.79	0.00	3489.33
MW - 18		05/13/08	3509.12	-	-	19.73	0.00	3489.39
MW - 18		08/14/08	3509.12	-	-	20.52	0.00	3488.60
MW - 18		11/12/08	3509.12	-	-	20.05	0.00	3489.07
MW - 18		02/10/09	3509.12	-	-	19.92	0.00	3489.20
MW - 18		05/12/09	3509.12	-	-	19.87	0.00	3489.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18		08/10/09	3509.12	-	-	20.50	0.00	3488.62
MW - 18		11/18/09	3509.12	-	-	20.72	0.00	3488.40
MW - 18		01/04/10	3509.12	-	-	20.67	0.00	3488.45
MW - 18		02/09/10	3509.12	-	-	20.54	0.00	3488.58
MW - 18		05/12/10	3509.12	-	-	20.04	0.00	3489.08
MW - 18		08/11/10	3509.12	-	-	20.03	0.00	3489.09
MW - 18		11/11/10	3509.12	-	-	20.70	0.00	3488.42
MW - 18		02/16/11	3509.12	-	-	20.73	0.00	3488.39
MW - 18		05/19/11	3509.12	-	-	20.71	0.00	3488.41
MW - 18		08/10/11	3509.12	-	-	20.81	0.00	3488.31
MW - 18		11/14/11	3509.12	-	-	20.84	0.00	3488.28
MW - 18		02/29/12	3509.12	-	-	20.59	0.00	3488.53
MW - 18		05/02/12	3509.12	-	-	20.50	0.00	3488.62
MW - 18		12/06/12	3509.12	-	-	20.86	0.00	3488.26
MW - 18		02/13/13	3509.12	-	-	20.74	0.00	3488.38
MW - 18		05/22/13	3509.12	-	-	20.61	0.00	3488.51
MW - 18		08/12/13	3509.12	-	-	20.94	0.00	3488.18
MW - 18		11/20/13	3509.12	25.60	-	21.03	0.00	3488.09
MW - 18	John Flores	02/04/14	3510.17	-	-	20.85	0.00	3489.32
MW - 18	Jose & Chance	05/14/14	3510.17	-	-	20.69	0.00	3489.48
MW - 18	Manny	07/22/14	3510.17	-	-	21.23	0.00	3488.94
MW - 18	David	08/05/14	3510.17	-	-	21.28	0.00	3488.89
MW - 18	Manny	10/27/14	3510.17	-	-	20.17	0.00	3490.00
MW - 18	Manny	11/19/14	3510.17	25.56	-	20.16	0.00	3490.01
MW - 18	Manny/Matt	02/09/15	3510.17	-	-	20.18	0.00	3489.99
MW - 18	Manny	03/20/15	3510.17	-	-	20.18	0.00	3489.99
MW - 18	Manny	04/04/15	3510.17	-	-	20.12	0.00	3490.05
MW - 18	Manny/Arthur	05/27/15	3510.17	-	-	20.03	0.00	3490.14
MW - 18	Carlos	07/09/15	3510.17	-	-	20.00	0.00	3490.17
MW - 18	Manny/Arthur	08/03/15	3510.17	-	-	20.28	0.00	3489.89
MW - 18	Manny	09/24/15	3510.17	-	-	20.52	0.00	3489.65
MW - 18	Manny	11/18/15	3510.17	25.55	-	20.22	0.00	3489.95
MW - 18	Manny	01/08/16	3510.17	-	-	20.08	0.00	3490.09
MW - 18	Manny	02/23/16	3510.17	-	-	20.02	0.00	3490.15
MW - 18	Manny	04/08/16	3510.17	-	-	19.94	0.00	3490.23
MW - 18	Manny	06/06/16	3510.17	-	-	19.96	0.00	3490.21
MW - 18	Carlos	06/28/16	3510.17	-	-	20.16	0.00	3490.01
MW - 18	Carlos	07/27/16	3510.17	-	-	20.47	0.00	3489.70
MW - 18	Manny/ Wes	08/03/16	3510.17	-	-	20.52	0.00	3489.65
MW - 18	Manny	09/27/16	3510.17	-	-	19.43	0.00	3490.74
MW - 18	Manny	10/21/16	3510.17	-	-	19.45	0.00	3490.72
MW - 18	Manny	11/08/16	3510.17	25.50	-	19.50	0.00	3490.67
MW - 18	Manny	01/26/17	3510.17	-	-	19.58	0.00	3490.59
MW - 18	Manny	02/28/17	3510.17	-	-	19.58	0.00	3490.59
MW - 18	Wesley	03/15/17	3510.17	-	-	19.55	0.00	3490.62
MW - 18	Manny	05/23/17	3510.17	-	-	19.55	0.00	3490.62
MW - 18	Jeremy	07/20/17	3510.17	-	-	20.06	0.00	3490.11
MW - 18	Jeremy	08/16/17	3510.17	-	-	20.00	0.00	3490.17
MW - 18	Jeremy	09/13/17	3510.17	-	-	19.81	0.00	3490.36
MW - 18	Jeremy	10/12/17	3510.17	-	-	19.76	0.00	3490.41
MW - 18	Manny/ Jeremy	11/14/17	3510.17	25.48	-	19.67	0.00	3490.50
MW - 18	Jeremy	12/20/17	3510.17	-	-	19.62	0.00	3490.55
MW - 18	Jeremy	01/09/18	3510.17	-	-	19.60	0.00	3490.57
MW - 18	Jeremy	02/07/18	3510.17	-	-	19.61	0.00	3490.56
MW - 18	Jeremy	03/29/18	3510.17	-	-	19.54	0.00	3490.63
MW - 18	Jeremy	04/16/18	3510.17	-	-	19.52	0.00	3490.65
MW - 18	Jeremy	05/21/18	3510.17	-	-	19.70	0.00	3490.47
MW - 18	Jeremy	06/18/18	3510.17	-	-	19.98	0.00	3490.19
MW - 18	Jeremy	07/11/18	3510.17	-	-	20.14	0.00	3490.03
MW - 18	Jeremy/ Wesley	08/08/18	3510.17	-	-	20.31	0.00	3489.86
MW - 18	Jeremy	09/12/18	3510.17	-	-	20.42	0.00	3489.75

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 18	Jeremy	11/13/18	3510.17	28.53	-	20.13	0.00	3490.04
MW - 18	Jeremy	01/09/19	3510.17	-	-	19.96	0.00	3490.21
MW - 18	Jeremy	02/13/19	3510.17	25.36	-	19.92	0.00	3490.25
MW - 18	Elias	03/12/19	3510.17	-	-	19.85	0.00	3490.32
MW - 18	Elias	04/01/19	3510.17	-	-	19.83	0.00	3490.34
MW - 18	Elias	05/07/19	3510.17	-	-	19.74	0.00	3490.43
MW - 18	Elias	06/14/19	3510.17	-	-	19.94	0.00	3490.23
MW - 18	Elias	07/11/19	3510.17	-	-	20.24	0.00	3489.93
MW - 18	Elias	08/07/19	3510.17	-	-	20.39	0.00	3489.78
MW - 18	Elias	09/12/19	3510.17	-	-	20.55	0.00	3489.62
MW - 18	Elias	10/15/19	3510.17	-	-	20.41	0.00	3489.76
MW - 18	Elias	11/06/19	3510.17	25.20	-	20.32	0.00	3489.85
MW - 18	Elias	12/17/19	3510.17	-	-	20.12	0.00	3490.05
MW - 18	Elias	01/06/20	3510.17	-	-	20.08	0.00	3490.09
MW - 18	Elias	03/04/20	3510.17	-	-	19.99	0.00	3490.18
MW - 18	Manny	05/14/20	3510.17	-	-	19.77	0.00	3490.40
MW - 18	Manny	06/17/20	3510.17	-	-	20.16	0.00	3490.01
MW - 18	Manny	07/21/20	3510.17	-	-	20.45	0.00	3489.72
MW - 18	Manny	08/12/20	3510.17	-	-	20.57	0.00	3489.60
MW - 18	Manny	09/14/20	3510.17	-	-	20.68	0.00	3489.49
MW - 18	Manny	12/09/20	3510.17	25.02	-	20.82	0.00	3489.35
MW - 18	Manny	01/13/21	3510.17	-	-	20.80	0.00	3489.37
MW - 18	Manny	02/10/21	3510.17	-	-	20.74	0.00	3489.43
MW - 18	Manny	04/21/21	3510.17	-	-	20.65	0.00	3489.52
MW - 18	Manny	06/09/21	3510.17	-	-	20.68	0.00	3489.49
MW - 18	Manny	09/22/21	3510.17	-	-	20.90	0.00	3489.27
MW - 18	Manny	10/14/21	3510.17	-	-	20.94	0.00	3489.23
MW - 18	Manny	12/06/21	3510.17	24.96	-	21.01	0.00	3489.16
MW - 18	Manny	03/14/22	3510.17	-	-	20.94	0.00	3489.23
MW - 18	Manny	04/20/22	3510.17	-	-	20.92	0.00	3489.25
MW - 18	Manny	05/09/22	3510.17	-	-	20.97	0.00	3489.20
MW - 18	Manny	08/16/22	3510.17	-	-	21.35	0.00	3488.82
MW - 18	Manny	11/10/22	3510.17	24.91	-	21.25	0.00	3488.92
MW - 18	Manny	02/27/23	3510.17	-	-	20.92	0.00	3489.25
MW - 18	Manny	05/10/23	3510.17	-	-	20.78	0.00	3489.39
MW - 18	Manny	08/16/23	3510.17	-	-	21.35	0.00	3488.82
MW - 18	Manny	12/15/23	3510.17	24.86	-	21.13	0.00	3489.04
MW - 18	Manny	02/26/24	3510.17	24.86	-	20.92	0.00	3489.25
MW - 18	Manny	06/17/24	3510.17	24.86	-	21.27	0.00	3488.90
MW - 18	Manny	09/23/24	3510.17	-	-	21.69	0.00	3488.48
MW - 18	Manny	12/09/24	3510.17	24.81	-	21.52	0.00	3488.65
MW - 19		06/20/02	3507.28	-	19.75	20.03	0.28	3487.49
MW - 19		09/26/02	3507.28	-	19.97	20.00	0.03	3487.31
MW - 19		11/12/02	3507.28	-	20.04	21.02	0.98	3487.09
MW - 19		01/07/03	3507.28	-	19.71	21.30	1.59	3487.33
MW - 19		01/27/03	3507.28	-	19.68	20.15	0.47	3487.53
MW - 19		02/26/03	3507.28	-	19.70	20.06	0.36	3487.53
MW - 19		03/11/03	3507.28	-	19.78	20.23	0.45	3487.43
MW - 19		03/19/03	3507.28	-	19.76	20.21	0.45	3487.45
MW - 19		03/25/03	3507.28	-	19.67	20.30	0.63	3487.52
MW - 19		04/16/03	3507.28	-	19.62	20.35	0.73	3487.55
MW - 19		04/23/03	3507.28	-	19.80	20.52	0.72	3487.37
MW - 19		04/29/03	3507.28	-	19.59	20.47	0.88	3487.56
MW - 19		05/14/03	3507.28	-	19.70	20.62	0.92	3487.44
MW - 19		05/20/03	3507.28	-	19.84	20.80	0.96	3487.30
MW - 19		05/27/03	3507.28	-	19.87	20.84	0.97	3487.26
MW - 19		06/04/03	3507.28	-	19.85	20.45	0.60	3487.34
MW - 19		07/07/03	3507.28	-	20.29	20.73	0.44	3486.92
MW - 19		07/30/03	3507.28	-	20.40	20.51	0.11	3486.86
MW - 19		08/06/03	3507.28	-	20.66	20.94	0.28	3486.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		08/21/03	3507.28	-	20.82	21.03	0.21	3486.43
MW - 19		09/08/03	3507.28	-	20.80	21.00	0.20	3486.45
MW - 19		09/15/03	3507.28	-	20.81	20.99	0.18	3486.44
MW - 19		09/24/03	3507.28	-	21.14	21.38	0.24	3486.10
MW - 19		10/02/03	3507.28	-	20.90	21.13	0.23	3486.35
MW - 19		10/08/03	3507.28	-	20.79	21.08	0.29	3486.45
MW - 19		10/16/03	3507.28	-	21.12	21.33	0.21	3486.13
MW - 19		10/28/03	3507.28	-	21.18	21.43	0.25	3486.06
MW - 19		11/11/03	3507.28	-	21.23	21.24	0.01	3486.05
MW - 19		11/18/03	3507.28	-	20.97	21.19	0.22	3486.28
MW - 19		12/10/03	3507.28	-	20.80	21.08	0.28	3486.44
MW - 19		02/02/04	3507.28	-	21.17	21.31	0.14	3486.09
MW - 19		02/26/04	3507.28	-	20.75	21.00	0.25	3486.49
MW - 19		03/16/04	3507.28	-	20.95	21.30	0.35	3486.28
MW - 19		03/19/04	3507.28	-	20.91	21.31	0.40	3486.31
MW - 19		03/25/04	3507.28	-	20.90	21.31	0.41	3486.32
MW - 19		04/01/04	3507.28	-	20.84	21.32	0.48	3486.37
MW - 19		04/08/04	3507.28	-	20.80	21.27	0.47	3486.41
MW - 19		04/14/04	3507.28	-	20.11	21.03	0.92	3487.03
MW - 19		04/16/04	3507.28	-	20.24	21.11	0.87	3486.91
MW - 19		04/22/04	3507.28	-	19.38	20.32	0.94	3487.76
MW - 19		04/29/04	3507.28	-	19.34	20.44	1.10	3487.78
MW - 19		05/11/04	3507.28	-	19.30	20.52	1.22	3487.80
MW - 19		06/08/04	3507.28	-	19.38	20.94	1.56	3487.67
MW - 19		06/17/04	3507.28	-	19.35	20.91	1.56	3487.70
MW - 19		06/22/04	3507.28	-	19.38	20.94	1.56	3487.67
MW - 19		06/29/04	3507.28	-	18.33	20.99	2.66	3488.55
MW - 19		07/06/04	3507.28	-	19.38	21.19	1.81	3487.63
MW - 19		07/20/04	3507.28	-	19.50	19.51	0.01	3487.78
MW - 19		08/04/04	3507.28	-	19.51	19.52	0.01	3487.77
MW - 19		08/16/04	3507.28	-	19.67	19.70	0.03	3487.61
MW - 19		08/23/04	3507.28	-	19.64	21.36	1.72	3487.38
MW - 19		08/25/04	3507.28	-	19.68	21.10	1.42	3487.39
MW - 19		08/26/04	3507.28	-	19.65	21.05	1.40	3487.42
MW - 19		08/31/04	3507.28	-	19.72	21.20	1.48	3487.34
MW - 19		09/13/04	3507.28	-	19.81	20.99	1.18	3487.29
MW - 19		09/20/04	3507.28	-	19.89	20.95	1.06	3487.23
MW - 19		09/30/04	3507.28	-	19.94	20.89	0.95	3487.20
MW - 19		10/04/04	3507.28	-	19.39	20.95	1.56	3487.66
MW - 19		10/11/04	3507.28	-	19.01	21.17	2.16	3487.95
MW - 19		10/18/04	3507.28	-	18.73	19.99	1.26	3488.36
MW - 19		10/26/04	3507.28	-	18.91	20.14	1.23	3488.19
MW - 19		11/02/04	3507.28	-	18.95	19.70	0.75	3488.22
MW - 19		11/08/04	3507.28	-	18.80	19.97	1.17	3488.30
MW - 19		11/15/04	3507.28	-	sheen	19.40	0.00	3487.88
MW - 19		12/01/04	3507.28	-	sheen	19.20	0.00	3488.08
MW - 19		12/02/04	3507.28	-	19.16	19.18	0.02	3488.12
MW - 19		12/14/04	3507.28	-	sheen	19.18	0.00	3488.10
MW - 19		12/21/04	3507.28	-	18.98	19.34	0.36	3488.25
MW - 19		12/29/04	3507.28	-	19.01	19.24	0.23	3488.24
MW - 19		01/11/05	3507.28	-	18.76	19.40	0.64	3488.42
MW - 19		01/14/05	3507.28	-	18.82	19.67	0.85	3488.33
MW - 19		01/18/05	3507.28	-	18.74	19.81	1.07	3488.38
MW - 19		01/21/05	3507.28	-	18.72	19.43	0.71	3488.45
MW - 19		01/25/05	3507.28	-	18.69	19.60	0.91	3488.45
MW - 19		01/28/05	3507.28	-	18.90	19.39	0.49	3488.31
MW - 19		02/02/05	3507.28	-	18.67	19.55	0.88	3488.48
MW - 19		02/05/05	3507.28	-	18.90	19.14	0.24	3488.34
MW - 19		02/08/05	3507.28	-	18.65	19.45	0.80	3488.51
MW - 19		02/11/05	3507.28	-	18.67	19.21	0.54	3488.53
MW - 19		02/15/05	3507.28	-	18.61	19.25	0.64	3488.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		02/18/05	3507.28	-	18.80	19.20	0.40	3488.42
MW - 19		02/22/05	3507.28	-	18.59	19.19	0.60	3488.60
MW - 19		02/25/05	3507.28	-	18.59	19.09	0.50	3488.62
MW - 19		03/01/05	3507.28	-	18.55	19.12	0.57	3488.64
MW - 19		03/04/05	3507.28	-	18.57	19.03	0.46	3488.64
MW - 19		03/08/05	3507.28	-	18.51	19.04	0.53	3488.69
MW - 19		03/08/05	3507.28	-	18.51	19.04	0.53	3488.69
MW - 19		03/11/05	3507.28	-	18.56	19.05	0.49	3488.65
MW - 19		03/15/05	3507.28	-	18.49	19.02	0.53	3488.71
MW - 19		03/18/05	3507.28	-	18.52	19.00	0.48	3488.69
MW - 19		03/22/05	3507.28	-	18.44	19.02	0.58	3488.75
MW - 19		03/28/05	3507.28	-	18.40	18.82	0.42	3488.82
MW - 19		04/01/05	3507.28	-	18.43	18.91	0.48	3488.78
MW - 19		04/05/05	3507.28	-	17.37	17.98	0.61	3489.82
MW - 19		04/08/05	3507.28	-	17.39	17.80	0.41	3489.83
MW - 19		04/15/05	3507.28	-	18.31	18.75	0.44	3488.90
MW - 19		05/25/05	3507.28	-	18.14	18.56	0.42	3489.08
MW - 19		05/27/05	3507.28	-	18.20	18.53	0.33	3489.03
MW - 19		05/31/05	3507.28	-	18.15	18.20	0.05	3489.12
MW - 19		06/03/05	3507.28	-	sheen	18.15	0.00	3489.13
MW - 19		06/06/05	3507.28	-	sheen	18.14	0.00	3489.14
MW - 19		06/08/05	3507.28	-	-	18.12	0.00	3489.16
MW - 19		06/13/05	3507.28	-	sheen	18.10	0.00	3489.18
MW - 19		06/20/05	3507.28	-	sheen	18.14	0.00	3489.14
MW - 19		06/24/05	3507.28	-	18.06	18.11	0.05	3489.21
MW - 19		06/27/05	3507.28	-	18.11	18.13	0.02	3489.17
MW - 19		07/11/05	3507.28	-	18.18	18.25	0.07	3489.09
MW - 19		07/15/05	3507.28	-	18.25	18.35	0.10	3489.02
MW - 19		07/18/05	3507.28	-	18.27	18.37	0.10	3489.00
MW - 19		07/21/05	3507.28	-	18.24	18.39	0.15	3489.02
MW - 19		07/25/05	3507.28	-	18.33	18.60	0.27	3488.91
MW - 19		08/01/05	3507.28	-	18.33	18.73	0.40	3488.89
MW - 19		08/04/05	3507.28	-	18.45	18.60	0.15	3488.81
MW - 19		08/12/05	3507.28	-	18.40	18.92	0.52	3488.80
MW - 19		08/15/05	3507.28	-	18.51	18.89	0.38	3488.71
MW - 19		08/23/05	3507.28	-	18.27	18.53	0.26	3488.97
MW - 19		08/30/05	3507.28	-	18.29	18.41	0.12	3488.97
MW - 19		09/06/05	3507.28	-	18.20	18.33	0.13	3489.06
MW - 19		09/13/05	3507.28	-	18.23	18.31	0.08	3489.04
MW - 19		09/15/05	3507.28	-	18.20	18.30	0.10	3489.07
MW - 19		09/19/05	3507.28	-	18.16	18.35	0.19	3489.09
MW - 19		09/27/05	3507.28	-	18.17	18.25	0.08	3489.10
MW - 19		10/03/05	3507.28	-	18.17	18.33	0.16	3489.09
MW - 19		10/08/05	3507.28	-	18.03	18.07	0.04	3489.24
MW - 19		10/10/05	3507.28	-	18.20	18.40	0.20	3489.05
MW - 19		10/17/05	3507.28	-	18.17	18.25	0.08	3489.10
MW - 19		10/24/05	3507.28	-	18.10	18.30	0.20	3489.15
MW - 19		10/31/05	3507.28	-	18.02	18.22	0.20	3489.23
MW - 19		11/15/05	3507.28	-	18.12	18.32	0.20	3489.13
MW - 19		11/22/05	3507.28	-	18.05	18.25	0.20	3489.20
MW - 19		11/27/05	3507.28	-	18.04	18.23	0.19	3489.21
MW - 19		12/07/05	3507.28	-	18.08	18.18	0.10	3489.19
MW - 19		12/12/05	3507.28	-	18.03	18.21	0.18	3489.22
MW - 19		12/16/05	3507.28	-	18.11	18.21	0.10	3489.16
MW - 19		12/22/05	3507.28	-	18.06	18.24	0.18	3489.19
MW - 19		12/27/05	3507.28	-	18.01	18.25	0.24	3489.23
MW - 19		01/03/06	3507.28	-	18.05	18.23	0.18	3489.20
MW - 19		01/09/06	3507.28	-	18.07	18.20	0.13	3489.19
MW - 19		01/16/06	3507.28	-	18.01	18.23	0.22	3489.24
MW - 19		01/23/06	3507.28	-	18.03	18.20	0.17	3489.22
MW - 19		01/30/06	3507.28	-	18.01	18.21	0.20	3489.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		02/06/06	3507.28	-	18.01	18.30	0.29	3489.23
MW - 19		02/14/06	3507.28	-	18.00	18.23	0.23	3489.25
MW - 19		02/21/06	3507.28	-	18.00	18.15	0.15	3489.26
MW - 19		03/01/06	3507.28	-	17.99	18.20	0.21	3489.26
MW - 19		03/06/06	3507.28	-	18.02	18.18	0.16	3489.24
MW - 19		03/16/06	3507.28	-	18.01	18.13	0.12	3489.25
MW - 19		03/17/06	3507.28	-	18.02	18.13	0.11	3489.24
MW - 19		03/21/06	3507.28	-	18.03	18.15	0.12	3489.23
MW - 19		03/28/06	3507.28	-	18.07	18.14	0.07	3489.20
MW - 19		04/03/06	3507.28	-	17.96	18.02	0.06	3489.31
MW - 19		04/17/06	3507.28	-	17.94	17.98	0.04	3489.33
MW - 19		05/01/06	3507.28	-	17.92	18.00	0.08	3489.35
MW - 19		05/08/06	3507.28	-	17.94	18.06	0.12	3489.32
MW - 19		05/15/06	3507.28	-	18.00	18.19	0.19	3489.25
MW - 19		05/30/06	3507.28	-	18.23	18.34	0.11	3489.03
MW - 19		06/05/06	3507.28	-	18.25	18.35	0.10	3489.02
MW - 19		06/12/06	3507.28	-	18.34	18.76	0.42	3488.88
MW - 19		06/15/06	3507.28	-	18.39	18.68	0.29	3488.85
MW - 19		06/19/06	3507.28	-	18.45	18.78	0.33	3488.78
MW - 19		07/03/06	3507.28	-	18.56	18.88	0.32	3488.67
MW - 19		07/10/06	3507.28	-	18.56	18.89	0.33	3488.67
MW - 19		07/17/06	3507.28	-	18.46	18.63	0.17	3488.79
MW - 19		07/26/06	3507.28	-	18.51	18.80	0.29	3488.73
MW - 19		07/31/06	3507.28	-	18.55	18.93	0.38	3488.67
MW - 19		08/07/06	3507.28	-	18.59	18.87	0.28	3488.65
MW - 19		08/17/06	3507.28	-	18.62	18.91	0.29	3488.62
MW - 19		08/21/06	3507.28	-	18.48	18.72	0.24	3488.76
MW - 19		09/06/06	3507.28	-	18.25	19.38	1.13	3488.86
MW - 19		09/11/06	3507.28	-	18.22	18.33	0.11	3489.04
MW - 19		09/18/06	3507.28	-	18.19	18.26	0.07	3489.08
MW - 19		09/25/06	3507.28	-	18.21	18.31	0.10	3489.06
MW - 19		10/02/06	3507.28	-	18.18	18.29	0.11	3489.08
MW - 19		10/09/06	3507.28	-	18.23	18.35	0.12	3489.03
MW - 19		10/17/06	3507.28	-	18.20	18.35	0.15	3489.06
MW - 19		10/23/06	3507.28	-	18.20	18.30	0.10	3489.07
MW - 19		10/30/06	3507.28	-	18.19	19.26	1.07	3488.93
MW - 19		11/06/06	3507.28	-	18.17	19.20	1.03	3488.96
MW - 19		11/13/06	3507.28	-	18.36	19.12	0.76	3488.81
MW - 19		11/20/06	3507.28	-	18.17	18.43	0.26	3489.07
MW - 19		11/27/06	3507.28	-	18.35	19.10	0.75	3488.82
MW - 19		11/30/06	3507.28	-	18.14	18.26	0.12	3489.12
MW - 19		12/04/06	3507.28	-	18.19	18.36	0.17	3489.06
MW - 19		12/12/06	3507.28	-	18.19	18.24	0.05	3489.08
MW - 19		12/18/06	3507.28	-	18.20	18.39	0.19	3489.05
MW - 19		01/02/07	3507.28	-	18.13	18.22	0.09	3489.14
MW - 19		01/11/07	3507.28	-	18.09	18.17	0.08	3489.18
MW - 19		01/18/07	3507.28	-	18.06	18.26	0.20	3489.19
MW - 19		01/22/07	3507.28	-	18.09	18.17	0.08	3489.18
MW - 19		02/05/07	3507.28	-	18.11	18.24	0.13	3489.15
MW - 19		02/12/07	3507.28	-	18.01	18.15	0.14	3489.25
MW - 19		02/19/07	3507.28	-	18.01	18.10	0.09	3489.26
MW - 19		02/27/07	3507.28	-	18.06	18.18	0.12	3489.20
MW - 19		03/05/07	3507.28	-	18.05	18.18	0.13	3489.21
MW - 19		03/12/07	3507.28	-	18.04	18.10	0.06	3489.23
MW - 19		03/19/07	3507.28	-	18.01	18.22	0.21	3489.24
MW - 19		04/02/07	3507.28	-	17.98	18.16	0.18	3489.27
MW - 19		04/09/07	3507.28	-	17.93	18.09	0.16	3489.33
MW - 19		05/01/07	3507.28	-	17.98	18.11	0.13	3489.28
MW - 19		05/12/07	3507.28	-	18.00	18.09	0.09	3489.27
MW - 19		05/17/07	3507.28	-	17.84	17.92	0.08	3489.43
MW - 19		05/21/07	3507.28	-	17.82	17.92	0.10	3489.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		05/22/07	3507.28	-	17.82	17.96	0.14	3489.44
MW - 19		06/01/07	3507.28	-	17.83	17.87	0.04	3489.44
MW - 19		06/06/07	3507.28	-	17.81	17.88	0.07	3489.46
MW - 19		06/11/07	3507.28	-	17.86	18.14	0.28	3489.38
MW - 19		06/19/07	3507.28	-	17.94	18.01	0.07	3489.33
MW - 19		06/25/07	3507.28	-	17.98	18.07	0.09	3489.29
MW - 19		07/03/07	3507.28	-	18.08	18.34	0.26	3489.16
MW - 19		07/18/07	3507.28	-	18.30	18.34	0.04	3488.97
MW - 19		07/23/07	3507.28	-	18.34	18.50	0.16	3488.92
MW - 19		07/31/07	3507.28	-	18.43	18.87	0.44	3488.78
MW - 19		08/14/07	3507.28	-	18.47	18.72	0.25	3488.77
MW - 19		08/15/07	3507.28	-	18.48	18.71	0.23	3488.77
MW - 19		08/25/07	3507.28	-	18.54	18.76	0.22	3488.71
MW - 19		09/05/07	3507.28	-	18.61	18.84	0.23	3488.64
MW - 19		09/10/07	3507.28	-	18.57	18.76	0.19	3488.68
MW - 19		09/17/07	3507.28	-	18.51	18.69	0.18	3488.74
MW - 19		09/24/07	3507.28	-	18.32	18.36	0.04	3488.95
MW - 19		11/05/07	3507.28	-	18.28	18.34	0.06	3488.99
MW - 19		11/06/07	3507.28	-	18.33	18.49	0.16	3488.93
MW - 19		11/12/07	3507.28	-	18.29	18.42	0.13	3488.97
MW - 19		11/19/07	3507.28	-	18.28	18.33	0.05	3488.99
MW - 19		11/30/07	3507.28	-	18.27	18.45	0.18	3488.98
MW - 19		12/03/07	3507.28	-	18.28	18.40	0.12	3488.98
MW - 19		12/14/07	3507.28	-	18.24	18.36	0.12	3489.02
MW - 19		12/17/07	3507.28	-	17.25	17.35	0.10	3490.02
MW - 19		01/09/08	3507.28	-	18.21	18.39	0.18	3489.04
MW - 19		01/16/08	3507.28	-	18.18	18.42	0.24	3489.06
MW - 19		01/30/08	3507.28	-	18.15	18.25	0.10	3489.12
MW - 19		02/08/08	3507.28	-	18.18	18.41	0.23	3489.07
MW - 19		02/12/08	3507.28	-	18.18	18.41	0.23	3489.07
MW - 19		02/14/08	3507.28	-	18.15	18.34	0.19	3489.10
MW - 19		02/20/08	3507.28	-	18.13	18.27	0.14	3489.13
MW - 19		02/28/08	3507.28	-	18.13	18.28	0.15	3489.13
MW - 19		03/05/08	3507.28	-	18.15	18.41	0.26	3489.09
MW - 19		03/13/08	3507.28	-	18.13	18.31	0.18	3489.12
MW - 19		03/19/08	3507.28	-	18.16	18.36	0.20	3489.09
MW - 19		03/24/08	3507.28	-	18.12	18.24	0.12	3489.14
MW - 19		04/02/08	3507.28	-	18.11	18.22	0.11	3489.15
MW - 19		04/07/08	3507.28	-	18.11	18.12	0.01	3489.17
MW - 19		04/14/08	3507.28	-	18.11	18.12	0.01	3489.17
MW - 19		04/23/08	3507.28	-	18.09	18.18	0.09	3489.18
MW - 19		05/07/08	3507.28	-	18.12	18.26	0.14	3489.14
MW - 19		05/13/08	3507.28	-	18.12	18.21	0.09	3489.15
MW - 19		05/14/08	3507.28	-	18.11	18.21	0.10	3489.16
MW - 19		05/19/08	3507.28	-	18.06	18.09	0.03	3489.22
MW - 19		06/09/08	3507.28	-	18.38	18.62	0.24	3488.86
MW - 19		06/16/08	3507.28	-	18.14	18.17	0.03	3489.14
MW - 19		06/23/08	3507.28	-	18.58	18.81	0.23	3488.67
MW - 19		06/30/08	3507.28	-	18.66	18.88	0.22	3488.59
MW - 19		07/14/08	3507.28	-	18.69	18.86	0.17	3488.56
MW - 19		07/22/08	3507.28	-	18.75	18.77	0.02	3488.53
MW - 19		07/29/08	3507.28	-	18.76	18.92	0.16	3488.50
MW - 19		08/04/08	3507.28	-	18.81	18.98	0.17	3488.44
MW - 19		08/11/08	3507.28	-	18.84	18.87	0.03	3488.44
MW - 19		08/14/08	3507.28	-	18.87	19.02	0.15	3488.39
MW - 19		08/18/08	3507.28	-	18.87	18.98	0.11	3488.39
MW - 19		08/28/08	3507.28	-	18.82	18.91	0.09	3488.45
MW - 19		09/17/08	3507.28	-	18.60	18.65	0.05	3488.67
MW - 19		09/29/08	3507.28	-	18.55	18.59	0.04	3488.72
MW - 19		10/06/08	3507.28	-	18.58	18.66	0.08	3488.69
MW - 19		10/13/08	3507.28	-	18.59	18.70	0.11	3488.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		10/20/08	3507.28	-	18.53	18.59	0.06	3488.74
MW - 19		10/29/08	3507.28	-	18.46	18.51	0.05	3488.81
MW - 19		10/30/08	3507.28	-	18.49	18.50	0.01	3488.79
MW - 19		11/06/08	3507.28	-	18.48	18.51	0.03	3488.80
MW - 19		11/12/08	3507.28	-	18.43	18.48	0.05	3488.84
MW - 19		11/13/08	3507.28	-	18.43	18.48	0.05	3488.84
MW - 19		12/16/08	3507.28	-	18.37	18.39	0.02	3488.91
MW - 19		12/19/08	3507.28	-	18.39	18.42	0.03	3488.89
MW - 19		12/22/08	3507.28	-	18.35	18.49	0.14	3488.91
MW - 19		01/06/09	3507.28	-	18.36	18.41	0.05	3488.91
MW - 19		01/12/09	3507.28	-	18.49	18.59	0.10	3488.78
MW - 19		01/22/09	3507.28	-	18.32	18.38	0.06	3488.95
MW - 19		01/26/09	3507.28	-	18.32	18.41	0.09	3488.95
MW - 19		02/10/09	3507.28	-	18.29	18.34	0.05	3488.98
MW - 19		02/13/09	3507.28	-	18.13	18.65	0.52	3489.07
MW - 19		02/16/09	3507.28	-	18.17	18.64	0.47	3489.04
MW - 19		02/24/09	3507.28	-	18.19	18.63	0.44	3489.02
MW - 19		03/02/09	3507.28	-	18.29	18.49	0.20	3488.96
MW - 19		03/05/09	3507.28	-	18.30	18.42	0.12	3488.96
MW - 19		03/09/09	3507.28	-	18.27	18.33	0.06	3489.00
MW - 19		03/16/09	3507.28	-	18.29	18.35	0.06	3488.98
MW - 19		03/19/09	3507.28	-	18.33	18.49	0.16	3488.93
MW - 19		03/25/09	3507.28	-	18.33	18.47	0.14	3488.93
MW - 19		03/30/09	3507.28	-	18.33	18.45	0.12	3488.93
MW - 19		04/13/09	3507.28	-	18.24	18.30	0.06	3489.03
MW - 19		04/16/09	3507.28	-	19.32	19.43	0.11	3487.94
MW - 19		04/21/09	3507.28	-	19.33	19.40	0.07	3487.94
MW - 19		04/27/09	3507.28	-	18.24	18.30	0.06	3489.03
MW - 19		04/30/09	3507.28	-	19.34	19.45	0.11	3487.92
MW - 19		05/06/09	3507.28	-	19.35	19.40	0.05	3487.92
MW - 19		05/12/09	3507.28	-	18.02	18.29	0.27	3489.22
MW - 19		05/19/09	3507.28	-	18.31	18.42	0.11	3488.95
MW - 19		05/26/09	3507.28	-	18.38	18.42	0.04	3488.89
MW - 19		06/01/09	3507.28	-	18.44	18.52	0.08	3488.83
MW - 19		06/05/09	3507.28	-	18.47	18.49	0.02	3488.81
MW - 19		06/12/09	3507.28	-	18.51	18.61	0.10	3488.76
MW - 19		06/22/09	3507.28	-	18.60	18.73	0.13	3488.66
MW - 19		06/24/09	3507.28	-	18.60	18.70	0.10	3488.67
MW - 19		06/29/09	3507.28	-	18.64	18.87	0.23	3488.61
MW - 19		07/06/09	3507.28	-	18.74	18.81	0.07	3488.53
MW - 19		07/09/09	3507.28	-	18.33	18.44	0.11	3488.93
MW - 19		07/13/09	3507.28	-	18.34	18.42	0.08	3488.93
MW - 19		07/20/09	3507.28	-	18.36	18.42	0.06	3488.91
MW - 19		07/23/09	3507.28	-	18.91	19.02	0.11	3488.35
MW - 19		07/27/09	3507.28	-	18.90	19.04	0.14	3488.36
MW - 19		07/29/09	3507.28	-	18.81	18.89	0.08	3488.46
MW - 19		08/03/09	3507.28	-	18.79	18.90	0.11	3488.47
MW - 19		08/10/09	3507.28	-	18.85	18.96	0.11	3488.41
MW - 19		08/10/09	3507.28	-	18.85	18.96	0.11	3488.41
MW - 19		08/18/09	3507.28	-	18.90	19.00	0.10	3488.37
MW - 19		08/24/09	3507.28	-	18.92	19.04	0.12	3488.34
MW - 19		08/28/09	3507.28	-	18.94	19.04	0.10	3488.33
MW - 19		08/31/09	3507.28	-	19.00	19.14	0.14	3488.26
MW - 19		09/02/09	3507.28	-	18.97	19.09	0.12	3488.29
MW - 19		09/08/09	3507.28	-	19.01	19.11	0.10	3488.26
MW - 19		09/10/09	3507.28	-	19.01	19.23	0.22	3488.24
MW - 19		09/16/09	3507.28	-	19.02	19.11	0.09	3488.25
MW - 19		09/18/09	3507.28	-	19.01	19.29	0.28	3488.23
MW - 19		09/22/09	3507.28	-	19.08	19.25	0.17	3488.17
MW - 19		09/28/09	3507.28	-	18.95	19.03	0.08	3488.32
MW - 19		10/09/09	3507.28	-	19.07	19.23	0.16	3488.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		10/12/09	3507.28	-	18.34	18.43	0.09	3488.93
MW - 19		10/15/09	3507.28	-	19.12	19.25	0.13	3488.14
MW - 19		10/20/09	3507.28	-	-	19.21	0.00	3488.07
MW - 19		10/26/09	3507.28	-	18.33	18.44	0.11	3488.93
MW - 19		10/28/09	3507.28	-	-	19.18	0.00	3488.10
MW - 19		11/03/09	3507.28	-	-	19.14	0.00	3488.14
MW - 19		11/12/09	3507.28	-	-	19.05	0.00	3488.23
MW - 19		11/18/09	3507.28	-	-	19.14	0.00	3488.14
MW - 19		12/03/09	3507.28	-	sheen	19.10	0.00	3488.18
MW - 19		12/11/09	3507.28	-	sheen	19.11	0.00	3488.17
MW - 19		12/16/09	3507.28	-	sheen	19.00	0.00	3488.28
MW - 19		12/21/09	3507.28	-	sheen	19.13	0.00	3488.15
MW - 19		12/28/09	3507.28	-	sheen	19.06	0.00	3488.22
MW - 19		01/04/10	3507.28	-	sheen	19.09	0.00	3488.19
MW - 19		01/14/10	3507.28	-	sheen	19.07	0.00	3488.21
MW - 19		01/20/10	3507.28	-	sheen	18.98	0.00	3488.30
MW - 19		01/25/10	3507.28	-	sheen	18.98	0.00	3488.30
MW - 19		01/27/10	3507.28	-	sheen	18.98	0.00	3488.30
MW - 19		02/01/10	3507.28	-	sheen	0.00	0.00	3507.28
MW - 19		02/08/10	3507.28	-	sheen	19.09	0.00	3488.19
MW - 19		02/09/10	3507.28	-	sheen	19.05	0.00	3488.23
MW - 19		02/19/10	3507.28	-	-	18.92	0.00	3488.36
MW - 19		02/26/10	3507.28	-	sheen	18.92	0.00	3488.36
MW - 19		03/01/10	3507.28	-	sheen	18.97	0.00	3488.31
MW - 19		03/04/10	3507.28	-	sheen	18.88	0.00	3488.40
MW - 19		03/08/10	3507.28	-	sheen	18.90	0.00	3488.38
MW - 19		03/11/10	3507.28	-	sheen	18.79	0.00	3488.49
MW - 19		03/15/10	3507.28	-	sheen	18.86	0.00	3488.42
MW - 19		03/17/10	3507.28	-	sheen	18.78	0.00	3488.50
MW - 19		03/22/10	3507.28	-	sheen	18.73	0.00	3488.55
MW - 19		03/29/10	3507.28	-	sheen	18.68	0.00	3488.60
MW - 19		04/05/10	3507.28	-	sheen	18.74	0.00	3488.54
MW - 19		04/14/10	3507.28	-	sheen	18.71	0.00	3488.57
MW - 19		04/16/10	3507.28	-	sheen	18.64	0.00	3488.64
MW - 19		04/19/10	3507.28	-	sheen	18.72	0.00	3488.56
MW - 19		04/28/10	3507.28	-	sheen	18.62	0.00	3488.66
MW - 19		05/05/10	3507.28	-	sheen	18.59	0.00	3488.69
MW - 19		05/12/10	3507.28	-	sheen	18.67	0.00	3488.61
MW - 19		05/14/10	3507.28	-	sheen	18.68	0.00	3488.60
MW - 19		05/21/10	3507.28	-	sheen	18.68	0.00	3488.60
MW - 19		05/26/10	3507.28	-	sheen	18.61	0.00	3488.67
MW - 19		06/04/10	3507.28	-	sheen	18.66	0.00	3488.62
MW - 19		06/07/10	3507.28	-	sheen	18.75	0.00	3488.53
MW - 19		06/12/10	3507.28	-	sheen	18.80	0.00	3488.48
MW - 19		06/24/10	3507.28	-	sheen	18.93	0.00	3488.35
MW - 19		06/30/10	3507.28	-	sheen	19.04	0.00	3488.24
MW - 19		07/07/10	3507.28	-	sheen	18.57	0.00	3488.71
MW - 19		07/12/10	3507.28	-	sheen	18.32	0.00	3488.96
MW - 19		07/19/10	3507.28	-	sheen	18.24	0.00	3489.04
MW - 19		07/26/10	3507.28	-	-	-	-	-
MW - 19		08/03/10	3507.28	-	sheen	18.23	0.00	3489.05
MW - 19		08/11/10	3507.28	-	sheen	18.24	0.00	3489.04
MW - 19		08/19/10	3507.28	-	sheen	18.29	0.00	3488.99
MW - 19		08/25/10	3507.28	-	sheen	18.31	0.00	3488.97
MW - 19		09/01/10	3507.28	-	sheen	18.34	0.00	3488.94
MW - 19		09/09/10	3507.28	-	sheen	18.41	0.00	3488.87
MW - 19		09/13/10	3507.28	-	sheen	18.23	0.00	3489.05
MW - 19		09/29/10	3507.28	-	sheen	18.50	0.00	3488.78
MW - 19		10/05/10	3507.28	-	sheen	18.26	0.00	3489.02
MW - 19		10/20/10	3507.28	-	sheen	18.60	0.00	3488.68
MW - 19		10/25/10	3507.28	-	sheen	18.62	0.00	3488.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		11/03/10	3507.28	-	sheen	18.28	0.00	3489.00
MW - 19		11/10/10	3507.28	-	sheen	18.66	0.00	3488.62
MW - 19		11/12/10	3507.28	-	sheen	18.66	0.00	3488.62
MW - 19		12/09/10	3507.28	-	sheen	18.21	0.00	3489.07
MW - 19		01/18/11	3507.28	-	sheen	18.66	0.00	3488.62
MW - 19		02/16/11	3507.28	-	sheen	18.67	0.00	3488.61
MW - 19		03/01/11	3507.28	-	sheen	18.54	0.00	3488.74
MW - 19		03/07/11	3507.28	-	sheen	18.50	0.00	3488.78
MW - 19		03/22/11	3507.28	-	sheen	18.66	0.00	3488.62
MW - 19		04/27/11	3507.28	-	sheen	18.57	0.00	3488.71
MW - 19		05/05/11	3507.28	-	sheen	18.57	0.00	3488.71
MW - 19		05/10/11	3507.28	-	sheen	18.50	0.00	3488.78
MW - 19		05/17/11	3507.28	-	sheen	18.52	0.00	3488.76
MW - 19		05/19/11	3507.28	-	sheen	18.52	0.00	3488.76
MW - 19		05/24/11	3507.28	-	sheen	18.73	0.00	3488.55
MW - 19		06/07/11	3507.28	-	sheen	18.83	0.00	3488.45
MW - 19		06/08/11	3507.28	-	sheen	17.84	0.00	3489.44
MW - 19		06/14/11	3507.28	-	sheen	18.80	0.00	3488.48
MW - 19		06/23/11	3507.28	-	sheen	18.84	0.00	3488.44
MW - 19		06/28/11	3507.28	-	sheen	19.90	0.00	3487.38
MW - 19		07/06/11	3507.28	-	sheen	19.03	0.00	3488.25
MW - 19		07/14/11	3507.28	-	sheen	19.08	0.00	3488.20
MW - 19		07/20/11	3507.28	-	-	19.24	0.00	3488.04
MW - 19		07/27/11	3507.28	-	-	19.13	0.00	3488.15
MW - 19		08/03/11	3507.28	-	-	19.18	0.00	3488.10
MW - 19		08/10/11	3507.28	-	-	19.19	0.00	3488.09
MW - 19		08/18/11	3507.28	-	-	19.23	0.00	3488.05
MW - 19		08/25/11	3507.28	-	-	19.18	0.00	3488.10
MW - 19		09/07/11	3507.28	-	-	19.30	0.00	3487.98
MW - 19		09/14/11	3507.28	-	-	19.33	0.00	3487.95
MW - 19		11/14/11	3507.28	-	-	19.27	0.00	3488.01
MW - 19		12/01/11	3507.28	-	-	19.22	0.00	3488.06
MW - 19		12/08/11	3507.28	-	-	19.21	0.00	3488.07
MW - 19		12/14/11	3507.28	-	-	19.20	0.00	3488.08
MW - 19		01/12/12	3507.28	-	-	19.18	0.00	3488.10
MW - 19		01/19/12	3507.28	-	-	19.09	0.00	3488.19
MW - 19		02/03/12	3507.28	-	-	19.10	0.00	3488.18
MW - 19		02/29/12	3507.28	-	-	18.97	0.00	3488.31
MW - 19		03/14/12	3507.28	-	-	18.94	0.00	3488.34
MW - 19		03/19/12	3507.28	-	-	18.95	0.00	3488.33
MW - 19		03/29/12	3507.28	-	-	18.90	0.00	3488.38
MW - 19		04/05/12	3507.28	-	-	18.88	0.00	3488.40
MW - 19		04/18/12	3507.28	-	-	18.83	0.00	3488.45
MW - 19		04/27/12	3507.28	-	-	18.88	0.00	3488.40
MW - 19		05/02/12	3507.28	-	-	18.92	0.00	3488.36
MW - 19		05/31/12	3507.28	-	-	18.90	0.00	3488.38
MW - 19		06/08/12	3507.28	-	-	19.83	0.00	3487.45
MW - 19		06/12/12	3507.28	-	-	18.97	0.00	3488.31
MW - 19		06/21/12	3507.28	-	-	18.96	0.00	3488.32
MW - 19		06/29/12	3507.28	-	-	19.02	0.00	3488.26
MW - 19		07/13/12	3507.28	-	-	19.19	0.00	3488.09
MW - 19		12/06/12	3507.28	-	19.26	19.29	0.03	3488.02
MW - 19		12/11/12	3507.28	-	19.26	19.32	0.06	3488.01
MW - 19		12/18/12	3507.28	-	19.24	19.31	0.07	3488.03
MW - 19		01/09/13	3507.28	-	19.20	19.25	0.05	3488.07
MW - 19		01/15/13	3507.28	-	19.18	19.24	0.06	3488.09
MW - 19		01/23/13	3507.28	-	19.19	19.23	0.04	3488.08
MW - 19		01/29/13	3507.28	-	19.16	19.21	0.05	3488.11
MW - 19		02/07/13	3507.28	-	19.16	19.27	0.11	3488.10
MW - 19		02/13/13	3507.28	-	19.14	19.18	0.04	3488.13
MW - 19		02/20/13	3507.28	-	19.00	19.06	0.06	3488.27

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19		03/15/13	3507.28	-	19.10	19.18	0.08	3488.17
MW - 19		03/19/13	3507.28	-	-	19.09	0.00	3488.19
MW - 19		04/02/13	3507.28	-	-	19.06	0.00	3488.22
MW - 19		04/09/13	3507.28	-	19.04	19.06	0.02	3488.24
MW - 19		04/16/13	3507.28	-	19.03	19.06	0.03	3488.25
MW - 19		04/23/13	3507.28	-	19.04	19.05	0.01	3488.24
MW - 19		04/30/13	3507.28	-	-	19.00	0.00	3488.28
MW - 19		05/08/13	3507.28	-	19.01	19.03	0.02	3488.27
MW - 19		05/14/13	3507.28	-	-	18.99	0.00	3488.29
MW - 19		05/22/13	3507.28	-	-	18.98	0.00	3488.30
MW - 19		05/28/13	3507.28	-	-	19.01	0.00	3488.27
MW - 19		06/04/13	3507.28	-	-	19.03	0.00	3488.25
MW - 19		06/11/13	3507.28	-	-	19.07	0.00	3488.21
MW - 19		06/19/13	3507.28	-	19.20	19.29	0.09	3488.07
MW - 19		06/28/13	3507.28	-	19.21	19.29	0.08	3488.06
MW - 19		07/01/13	3507.28	-	19.26	19.31	0.05	3488.01
MW - 19		07/08/13	3507.28	-	-	19.33	0.00	3487.95
MW - 19		07/23/13	3507.28	-	-	19.38	0.00	3487.90
MW - 19		07/30/13	3507.28	-	-	19.36	0.00	3487.92
MW - 19		08/05/13	3507.28	-	-	19.36	0.00	3487.92
MW - 19		08/12/13	3507.28	27.97	-	19.34	0.00	3487.94
MW - 19		08/22/13	3507.28	-	-	19.42	0.00	3487.86
MW - 19		08/29/13	3507.28	-	-	19.47	0.00	3487.81
MW - 19		09/05/13	3507.28	-	19.48	19.51	0.03	3487.80
MW - 19		09/10/13	3507.28	-	19.53	19.59	0.06	3487.74
MW - 19		09/17/13	3507.28	-	19.55	19.66	0.11	3487.71
MW - 19		09/24/13	3507.28	-	19.55	19.65	0.10	3487.72
MW - 19		10/07/13	3507.28	-	19.60	19.74	0.14	3487.66
MW - 19		11/14/13	-	-	23.05	23.12	0.07	-
MW - 19		11/21/13	-	-	23.03	23.06	0.03	-
MW - 19		12/12/13	-	-	22.96	23.00	0.04	-
MW - 19		12/19/13	-	-	22.95	22.97	0.02	-
MW - 19		01/03/14	-	-	22.91	22.93	0.02	-
MW - 19		01/09/14	-	-	22.92	22.93	0.01	-
MW - 19		01/13/14	-	-	22.93	22.94	0.01	-
MW - 19		01/21/14	-	-	22.89	22.90	0.01	-
MW - 19		01/24/14	-	-	22.90	22.93	0.03	-
MW - 19	John Flores	02/04/14	3511.96	-	22.87	22.96	0.09	3489.08
MW - 19		02/10/14	3511.96	-	22.88	22.98	0.10	3489.07
MW - 19	David F.	02/27/14	3511.96	-	22.81	22.88	0.07	3489.14
MW - 19	David F.	03/17/14	3511.96	-	22.77	22.90	0.13	3489.17
MW - 19	David F.	03/27/14	3511.96	-	22.71	22.82	0.11	3489.23
MW - 19	David & Jose	04/02/14	3511.96	-	22.78	22.83	0.05	3489.17
MW - 19	Manny & Lira	04/16/14	3511.96	-	22.71	22.81	0.10	3489.24
MW - 19	Manny & Chanc	04/22/14	3511.96	-	22.71	22.76	0.05	3489.24
MW - 19	David & Justin	04/28/14	3511.96	-	22.78	22.79	0.01	3489.18
MW - 19	Manny & Chanc	05/06/14	3511.96	-	22.69	23.25	0.56	3489.19
MW - 19	Manny	05/13/14	3511.96	-	22.73	23.30	0.57	3489.14
MW - 19	Jose & Chance	05/14/14	3511.96	-	22.74	22.96	0.22	3489.19
MW - 19	Manny	05/21/14	3511.96	-	22.71	23.00	0.29	3489.21
MW - 19	Manny & Chanc	06/05/14	3511.96	-	22.81	22.96	0.15	3489.13
MW - 19	Manny	06/11/14	3511.96	-	22.87	23.21	0.34	3489.04
MW - 19	Manny	06/16/14	3511.96	-	-	22.97	0.00	3488.99
MW - 19	Manny	06/24/14	3511.96	-	-	23.05	0.00	3488.91
MW - 19	Manny	07/01/14	3511.96	-	-	23.11	0.00	3488.85
MW - 19	David	07/08/14	3511.96	-	23.18	23.21	0.03	3488.78
MW - 19	Manny	07/15/14	3511.96	-	23.20	23.45	0.25	3488.72
MW - 19	Manny	07/22/14	3511.96	-	23.35	23.36	0.01	3488.61
MW - 19	Manny	07/23/14	3511.96	-	23.35	23.36	0.01	3488.61
MW - 19	Manny	07/31/14	3511.96	-	23.27	23.40	0.13	3488.67
MW - 19	David F.	08/05/14	3511.96	-	23.34	23.36	0.02	3488.62

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19	Manny	08/07/14	3511.96	-	23.29	23.40	0.11	3488.65
MW - 19	Manny	08/15/14	3511.96	-	23.32	23.39	0.07	3488.63
MW - 19	Manny	08/20/14	3511.96	-	23.34	23.44	0.10	3488.61
MW - 19	Manny	08/27/14	3511.96	-	23.37	23.62	0.25	3488.55
MW - 19	Manny	09/24/14	3511.96	-	-	22.62	0.00	3489.34
MW - 19	Manny	10/01/14	3511.96	-	-	22.29	0.00	3489.67
MW - 19	Manny	10/07/14	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny	10/14/14	3511.96	-	-	22.19	0.00	3489.77
MW - 19	Manny	10/20/14	3511.96	-	-	22.17	0.00	3489.79
MW - 19	Manny	10/27/14	3511.96	-	-	22.17	0.00	3489.79
MW - 19	Chance	10/28/14	3511.96	-	-	22.32	0.00	3489.64
MW - 19	Manny	11/03/14	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny	11/11/14	3511.96	-	-	22.24	0.00	3489.72
MW - 19	Manny	11/19/14	3511.96	30.00	-	22.18	0.00	3489.78
MW - 19	Manny	12/08/14	3511.96	-	-	22.19	0.00	3489.77
MW - 19	Manny	12/15/14	3511.96	-	-	22.18	0.00	3489.78
MW - 19	Manny	12/18/14	3511.96	-	-	22.15	0.00	3489.81
MW - 19	Manny	12/22/14	3511.96	-	-	22.15	0.00	3489.81
MW - 19	Manny	12/29/14	3511.96	-	-	22.21	0.00	3489.75
MW - 19	Manny	01/05/15	3511.96	-	-	22.21	0.00	3489.75
MW - 19	Manny	01/12/15	3511.96	-	-	22.22	0.00	3489.74
MW - 19	Manny	01/19/15	3511.96	-	-	22.22	0.00	3489.74
MW - 19	Manny	02/04/15	3511.96	-	-	22.25	0.00	3489.71
MW - 19	Manny/Matt	02/09/15	3511.96	29.64	-	22.25	0.00	3489.71
MW - 19	Carlos/Matt	02/19/15	3511.96	-	22.19	22.20	0.01	3489.77
MW - 19	Manny/Art	03/03/15	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny	03/09/15	3511.96	-	-	22.23	0.00	3489.73
MW - 19	Carlos/Matt	03/16/15	3511.96	-	-	22.21	0.00	3489.75
MW - 19	Manny	03/20/15	3511.96	-	-	22.22	0.00	3489.74
MW - 19	Carlos	03/23/15	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny/Art	03/30/15	3511.96	-	-	22.22	0.00	3489.74
MW - 19	Manny	04/04/15	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny/Art	04/07/15	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny/Art	04/14/15	3511.96	-	-	22.18	0.00	3489.78
MW - 19	Carlos/Matt	04/20/15	3511.96	-	-	22.14	0.00	3489.82
MW - 19	Manny/Art	04/27/15	3511.96	-	-	22.16	0.00	3489.80
MW - 19	Carlos	05/07/15	3511.96	-	-	22.12	0.00	3489.84
MW - 19	Carlos	05/11/15	3511.96	-	-	22.13	0.00	3489.83
MW - 19	Carlos	05/21/15	3511.96	-	-	22.10	0.00	3489.86
MW - 19	Manny/Art	05/27/15	3511.96	29.50	-	22.07	0.00	3489.89
MW - 19	Carlos	05/28/15	3511.96	-	-	22.06	0.00	3489.90
MW - 19	Manny	06/03/15	3511.96	-	-	22.05	0.00	3489.91
MW - 19	Manny	06/08/15	3511.96	-	-	22.06	0.00	3489.90
MW - 19	Manny	06/15/15	3511.96	-	-	22.06	0.00	3489.90
MW - 19	Arthur	06/25/15	3511.96	-	-	22.00	0.00	3489.96
MW - 19	Manny/Arthur	06/29/15	3511.96	-	-	22.00	0.00	3489.96
MW - 19	Manny	07/08/15	3511.96	-	-	22.07	0.00	3489.89
MW - 19	Carlos	07/09/15	3511.96	-	-	22.05	0.00	3489.91
MW - 19	Manny	07/14/15	3511.96	-	-	22.10	0.00	3489.86
MW - 19	Arthur	07/20/15	3511.96	-	-	22.16	0.00	3489.80
MW - 19	Manny	07/28/15	3511.96	-	-	22.25	0.00	3489.71
MW - 19	Manny/Arthur	08/03/15	3511.96	29.40	-	22.31	0.00	3489.65
MW - 19	Carlos	08/04/15	3511.96	-	-	22.32	0.00	3489.64
MW - 19	Carlos	08/10/15	3511.96	-	-	22.37	0.00	3489.59
MW - 19	Carlos	08/17/15	3511.96	-	-	22.42	0.00	3489.54
MW - 19	Carlos	08/25/15	3511.96	-	-	22.48	0.00	3489.48
MW - 19	Arthur/Carlos	08/31/15	3511.96	-	-	22.45	0.00	3489.51
MW - 19	Carlos	09/08/15	3511.96	-	-	22.48	0.00	3489.48
MW - 19	Carlos	09/15/15	3511.96	-	-	22.49	0.00	3489.47
MW - 19	Manny	09/24/15	3511.96	-	-	22.59	0.00	3489.37
MW - 19	Manny	09/28/15	3511.96	-	-	22.59	0.00	3489.37

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19	Manny	10/06/15	3511.96	-	-	22.57	0.00	3489.39
MW - 19	Carlos	10/12/15	3511.96	-	-	22.51	0.00	3489.45
MW - 19	Manny	10/26/15	3511.96	-	-	22.38	0.00	3489.58
MW - 19	Manny	11/06/15	3511.96	-	-	22.27	0.00	3489.69
MW - 19	Carlos	11/10/15	3511.96	-	-	22.21	0.00	3489.75
MW - 19	Manny	11/18/15	3511.96	29.26	-	22.22	0.00	3489.74
MW - 19	Carlos	12/02/15	3511.96	-	-	22.19	0.00	3489.77
MW - 19	Carlos	12/07/15	3511.96	-	-	22.17	0.00	3489.79
MW - 19	Carlos	12/14/15	3511.96	-	-	22.14	0.00	3489.82
MW - 19	Carlos	01/05/16	3511.96	-	-	22.10	0.00	3489.86
MW - 19	Manny	01/08/16	3511.96	-	-	22.13	0.00	3489.83
MW - 19	Manny	01/12/16	3511.96	-	-	22.15	0.00	3489.81
MW - 19	Carlos	01/18/16	3511.96	-	-	22.13	0.00	3489.83
MW - 19	Carlos	01/25/16	3511.96	-	-	22.10	0.00	3489.86
MW - 19	Carlos	02/01/16	3511.96	-	-	22.02	0.00	3489.94
MW - 19	Carlos	02/08/16	3511.96	-	-	22.10	0.00	3489.86
MW - 19	Carlos	02/19/16	3511.96	-	-	22.04	0.00	3489.92
MW - 19	Manny	02/24/16	3511.96	29.20	-	22.03	0.00	3489.93
MW - 19	Manny	03/03/16	3511.96	-	-	22.06	0.00	3489.90
MW - 19	Carlos	03/07/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	03/15/16	3511.96	-	-	21.98	0.00	3489.98
MW - 19	Manny	03/21/16	3511.96	-	-	21.98	0.00	3489.98
MW - 19	Carlos	03/28/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	04/05/16	3511.96	-	-	21.94	0.00	3490.02
MW - 19	Manny	04/08/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	04/12/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	04/18/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	04/25/16	3511.96	-	-	21.92	0.00	3490.04
MW - 19	Carlos	05/02/16	3511.96	-	-	21.93	0.00	3490.03
MW - 19	Carlos	05/23/16	3511.96	-	-	21.90	0.00	3490.06
MW - 19	Carlos	06/01/16	3511.96	-	-	22.03	0.00	3489.93
MW - 19	Manny	06/06/16	3511.96	29.14	-	22.00	0.00	3489.96
MW - 19	Carlos	06/09/16	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Carlos	06/28/16	3511.96	-	-	22.20	0.00	3489.76
MW - 19	Manny	07/12/16	3511.96	-	-	22.39	0.00	3489.57
MW - 19	Carlos	07/19/16	3511.96	-	-	22.44	0.00	3489.52
MW - 19	Carlos	07/27/16	3511.96	-	-	22.49	0.00	3489.47
MW - 19	Manny/ Wes	08/03/16	3511.96	29.07	-	22.57	0.00	3489.39
MW - 19	Carlos	08/04/16	3511.96	-	-	22.60	0.00	3489.36
MW - 19	Carlos	08/08/16	3511.96	-	-	22.66	0.00	3489.30
MW - 19	Carlos	08/16/16	3511.96	-	-	22.67	0.00	3489.29
MW - 19	Carlos	08/23/16	3511.96	-	-	22.71	0.00	3489.25
MW - 19	Manny	08/31/16	3511.96	-	-	22.46	0.00	3489.50
MW - 19	Carlos	09/14/16	3511.96	-	-	21.76	0.00	3490.20
MW - 19	Carlos	09/22/16	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Manny	09/27/16	3511.96	-	-	21.50	0.00	3490.46
MW - 19	Wesley	10/07/16	3511.96	-	-	21.44	0.00	3490.52
MW - 19	Manny	10/21/16	3511.96	-	-	21.47	0.00	3490.49
MW - 19	Manny	10/28/16	3511.96	-	-	21.47	0.00	3490.49
MW - 19	Manny	11/04/16	3511.96	-	-	21.54	0.00	3490.42
MW - 19	Manny	11/09/16	3511.96	29.00	-	21.54	0.00	3490.42
MW - 19	Wesley	12/06/16	3511.96	-	-	21.52	0.00	3490.44
MW - 19	Manny	12/15/16	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Manny	12/22/16	3511.96	-	-	21.61	0.00	3490.35
MW - 19	Manny	12/29/16	3511.96	-	-	21.63	0.00	3490.33
MW - 19	Carlos	01/05/17	3511.96	-	-	21.55	0.00	3490.41
MW - 19	Manny	01/11/17	3511.96	-	-	21.58	0.00	3490.38
MW - 19	Carlos	01/18/17	3511.96	-	-	21.60	0.00	3490.36
MW - 19	Manny	01/26/17	3511.96	-	-	21.64	0.00	3490.32
MW - 19	Manny	01/31/17	3511.96	-	-	21.58	0.00	3490.38
MW - 19	Carlos	02/10/17	3511.96	-	-	21.61	0.00	3490.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19	Wesley	02/17/17	3511.96	-	-	21.55	0.00	3490.41
MW - 19	Manny	02/24/17	3511.96	-	-	21.56	0.00	3490.40
MW - 19	Manny	03/01/17	3511.96	28.96	-	21.56	0.00	3490.40
MW - 19	Carlos	03/09/17	3511.96	-	-	21.57	0.00	3490.39
MW - 19	Wesley	03/15/17	3511.96	-	-	21.56	0.00	3490.40
MW - 19	Manny	03/22/17	3511.96	-	-	21.57	0.00	3490.39
MW - 19	Carlos	03/29/17	3511.96	-	-	21.61	0.00	3490.35
MW - 19	Manny	04/07/17	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Wesley	04/11/17	3511.96	-	-	21.53	0.00	3490.43
MW - 19	Manny	04/20/17	3511.96	-	-	21.49	0.00	3490.47
MW - 19	Jeremy	05/02/17	3511.96	-	-	21.48	0.00	3490.48
MW - 19	Manny	05/12/17	3511.96	-	-	21.52	0.00	3490.44
MW - 19	Jeremy	05/16/17	3511.96	-	-	21.51	0.00	3490.45
MW - 19	Manny	05/24/17	3511.96	28.87	-	21.58	0.00	3490.38
MW - 19	Jeremy	06/05/17	3511.96	-	-	21.63	0.00	3490.33
MW - 19	Manny	06/15/17	3511.96	-	-	21.75	0.00	3490.21
MW - 19	Jeremy	06/28/17	3511.96	-	-	21.86	0.00	3490.10
MW - 19	Jeremy	07/05/17	3511.96	-	-	21.93	0.00	3490.03
MW - 19	Jeremy	07/11/17	3511.96	-	-	21.92	0.00	3490.04
MW - 19	Jeremy	07/17/17	3511.96	-	-	22.01	0.00	3489.95
MW - 19	Jeremy	07/20/17	3511.96	-	-	22.19	0.00	3489.77
MW - 19	Jeremy	08/16/17	3511.96	28.80	-	22.01	0.00	3489.95
MW - 19	Jeremy	09/05/17	3511.96	-	-	21.81	0.00	3490.15
MW - 19	Jeremy	09/13/17	3511.96	-	-	21.83	0.00	3490.13
MW - 19	Jeremy	09/19/17	3511.96	-	-	21.87	0.00	3490.09
MW - 19	Jeremy	09/29/17	3511.96	-	-	21.90	0.00	3490.06
MW - 19	Jeremy	10/05/17	3511.96	-	-	21.92	0.00	3490.04
MW - 19	Jeremy	10/12/17	3511.96	-	-	21.87	0.00	3490.09
MW - 19	Jeremy	10/20/17	3511.96	-	-	21.75	0.00	3490.21
MW - 19	Jeremy	10/24/17	3511.96	-	-	21.76	0.00	3490.20
MW - 19	Jeremy	11/02/17	3511.96	-	-	21.73	0.00	3490.23
MW - 19	Manny/ Jeremy	11/14/17	3511.96	28.84	-	21.72	0.00	3490.24
MW - 19	Jeremy	12/20/17	3511.96	-	-	22.63	0.00	3489.33
MW - 19	Jeremy	12/28/17	3511.96	-	-	21.61	0.00	3490.35
MW - 19	Jeremy	01/03/18	3511.96	-	-	21.62	0.00	3490.34
MW - 19	Jeremy	01/09/18	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Jeremy	01/19/18	3511.96	-	-	21.60	0.00	3490.36
MW - 19	Jeremy	01/24/18	3511.96	-	-	21.62	0.00	3490.34
MW - 19	Jeremy	02/08/18	3511.96	28.52	-	21.60	0.00	3490.36
MW - 19	Jeremy	02/12/18	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Jeremy	02/22/18	3511.96	-	-	21.58	0.00	3490.38
MW - 19	Jeremy	03/02/18	3511.96	-	-	21.57	0.00	3490.39
MW - 19	Jeremy	03/07/18	3511.96	-	-	21.57	0.00	3490.39
MW - 19	Jeremy	03/19/18	3511.96	-	-	21.59	0.00	3490.37
MW - 19	Jeremy	03/29/18	3511.96	-	-	21.54	0.00	3490.42
MW - 19	Jeremy	04/02/18	3511.96	-	-	21.53	0.00	3490.43
MW - 19	Jeremy	04/11/18	3511.96	-	-	21.54	0.00	3490.42
MW - 19	Jeremy	04/16/18	3511.96	-	-	21.52	0.00	3490.44
MW - 19	Jeremy	04/25/18	3511.96	-	-	21.54	0.00	3490.42
MW - 19	Jeremy	05/01/18	3511.96	-	-	21.54	0.00	3490.42
MW - 19	Jeremy	05/08/18	3511.96	-	-	21.55	0.00	3490.41
MW - 19	Jeremy	05/22/18	3511.96	28.64	-	21.71	0.00	3490.25
MW - 19	Jeremy	05/31/18	3511.96	-	-	21.84	0.00	3490.12
MW - 19	Jeremy	06/06/18	3511.96	-	-	21.91	0.00	3490.05
MW - 19	Jeremy	06/13/18	3511.96	-	-	21.97	0.00	3489.99
MW - 19	Jeremy	06/18/18	3511.96	-	-	22.04	0.00	3489.92
MW - 19	Jeremy	06/25/18	3511.96	-	-	22.05	0.00	3489.91
MW - 19	Jeremy	07/02/18	3511.96	-	-	21.10	0.00	3490.86
MW - 19	Jeremy	07/11/18	3511.96	-	-	22.19	0.00	3489.77
MW - 19	Jeremy	07/19/18	3511.96	-	-	22.22	0.00	3489.74
MW - 19	Jeremy	07/27/18	3511.96	-	-	21.27	0.00	3490.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19	Jeremy/ Wesley	08/08/18	3511.96	28.56	-	22.38	0.00	3489.58
MW - 19	Jeremy	08/30/18	3511.96	28.56	-	22.44	0.00	3489.52
MW - 19	Jeremy	09/12/18	3511.96	28.56	-	22.44	0.00	3489.52
MW - 19	Jeremy	09/20/18	3511.96	28.56	-	22.35	0.00	3489.61
MW - 19	Jeremy	09/26/18	3511.96	28.56	-	22.33	0.00	3489.63
MW - 19	Jeremy	10/03/18	3511.96	28.56	-	22.31	0.00	3489.65
MW - 19	Jeremy	10/19/18	3511.96	28.56	-	22.32	0.00	3489.64
MW - 19	Jeremy	10/31/18	3511.96	28.56	-	22.20	0.00	3489.76
MW - 19	Jeremy	11/06/18	3511.96	28.56	-	22.19	0.00	3489.77
MW - 19	Jeremy	11/13/18	3511.96	28.31	-	22.18	0.00	3489.78
MW - 19	Jeremy	12/03/18	3511.96	28.31	-	22.07	0.00	3489.89
MW - 19	Manny/Elias	12/19/18	3511.96	-	-	22.05	0.00	3489.91
MW - 19	Jeremy	12/27/18	3511.96	-	-	21.98	0.00	3489.98
MW - 19	Jeremy	01/03/19	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Jeremy	01/09/19	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Jeremy	01/16/19	3511.96	-	-	21.99	0.00	3489.97
MW - 19	Jeremy	01/31/19	3511.96	-	-	21.98	0.00	3489.98
MW - 19	Jeremy	02/06/19	3511.96	-	-	21.95	0.00	3490.01
MW - 19	Jeremy	02/13/19	3511.96	28.17	-	21.94	0.00	3490.02
MW - 19	Jeremy	02/28/19	3511.96	-	-	21.91	0.00	3490.05
MW - 19	Jeremy	03/06/19	3511.96	-	-	21.90	0.00	3490.06
MW - 19	Elias	03/12/19	3511.96	-	-	21.89	0.00	3490.07
MW - 19	Elias	03/19/19	3511.96	-	-	21.87	0.00	3490.09
MW - 19	Elias	03/28/19	3511.96	-	-	21.85	0.00	3490.11
MW - 19	Elias	04/01/19	3511.96	-	-	21.83	0.00	3490.13
MW - 19	Elias	04/10/19	3511.96	-	-	21.80	0.00	3490.16
MW - 19	Elias	04/17/19	3511.96	-	-	21.82	0.00	3490.14
MW - 19	Elias	04/24/19	3511.96	-	-	21.83	0.00	3490.13
MW - 19	Elias	05/01/19	3511.96	-	-	21.80	0.00	3490.16
MW - 19	Elias	05/08/19	3511.96	27.85	-	21.78	0.00	3490.18
MW - 19	Elias	06/14/19	3511.96	-	-	21.98	0.00	3489.98
MW - 19	Elias	06/28/19	3511.96	-	-	22.15	0.00	3489.81
MW - 19	Elias	07/11/19	3511.96	-	-	22.24	0.00	3489.72
MW - 19	Elias	08/08/19	3511.96	27.78	-	22.40	0.00	3489.56
MW - 19	Elias	09/05/19	3511.96	-	-	-	-	-
MW - 19	Elias	09/12/19	3511.96	-	-	22.59	0.00	3489.37
MW - 19	Elias	09/17/19	3511.96	-	-	22.57	0.00	3489.39
MW - 19	Elias	09/23/19	3511.96	-	-		0.00	3511.96
MW - 19	Elias	10/08/19	3511.96	-	-	22.45	0.00	3489.51
MW - 19	Elias	10/15/19	3511.96	-	-	22.37	0.00	3489.59
MW - 19	Elias	11/06/19	3511.96	27.70	-	22.30	0.00	3489.66
MW - 19	Elias	11/13/19	3511.96	27.66	-	22.23	0.00	3489.73
MW - 19	Elias	12/17/19	3511.96	-	-	22.11	0.00	3489.85
MW - 19	Elias	01/06/20	3511.96	-	-	22.07	0.00	3489.89
MW - 19	Elias	01/23/20	3511.96	-	-	22.06	0.00	3489.90
MW - 19	Elias	01/29/20	3511.96	-	-	22.02	0.00	3489.94
MW - 19	Elias	02/21/20	3511.96	-	-	22.02	0.00	3489.94
MW - 19	Elias	03/05/20	3511.96	27.43	-	22.02	0.00	3489.94
MW - 19	Manny	05/14/20	3511.96	-	-	21.78	0.00	3490.18
MW - 19	Manny	05/21/20	3511.96	-	-	21.82	0.00	3490.14
MW - 19	Manny	06/18/20	3511.96	27.34	-	22.16	0.00	3489.80
MW - 19	Manny	07/01/20	3511.96	-	-	22.32	0.00	3489.64
MW - 19	Manny	07/21/20	3511.96	-	-	22.48	0.00	3489.48
MW - 19	Manny	08/13/20	3511.96	-	22.59	22.62	0.03	3489.37
MW - 19	Manny	09/14/20	3511.96	-	22.68	22.76	0.08	3489.27
MW - 19	Manny	09/30/20	3511.96	-	22.72	22.73	0.01	3489.24
MW - 19	Manny	10/16/20	3511.96	-	-	22.77	0.00	3489.19
MW - 19	Manny	11/23/20	3511.96	-	-	22.84	0.00	3489.12
MW - 19	Manny	12/10/20	3511.96	27.19	-	22.85	0.00	3489.11
MW - 19	Manny	12/31/20	3511.96	-	-	22.85	0.00	3489.11
MW - 19	Manny	01/13/21	3511.96	-	-	22.80	0.00	3489.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 19	Manny	01/22/21	3511.96	-	-	22.80	0.00	3489.16
MW - 19	Manny	02/11/21	3511.96	27.19	-	22.78	0.00	3489.18
MW - 19	Manny	04/21/21	3511.96	-	-	22.66	0.00	3489.30
MW - 19	Manny	04/28/21	3511.96	-	-	22.65	0.00	3489.31
MW - 19	Manny	06/11/21	3511.96	27.34	-	22.70	0.00	3489.26
MW - 19	Manny	07/31/21	3511.96	-	-	22.70	0.00	3489.26
MW - 19	Manny	08/31/21	3511.96	-	-	22.87	0.00	3489.09
MW - 19	Manny	09/23/21	3511.96	27.38	-	22.91	0.00	3489.05
MW - 19	Manny	10/14/21	3511.96	-	-	22.94	0.00	3489.02
MW - 19	Manny	10/28/21	3511.96	-	-	22.98	0.00	3488.98
MW - 19	Manny	12/06/21	3511.96	27.36	-	23.01	0.00	3488.95
MW - 19	Manny	02/23/22	3511.96	-	-	22.95	0.00	3489.01
MW - 19	Manny	03/14/22	3511.96	27.21	-	22.95	0.00	3489.01
MW - 19	Manny	04/20/22	3511.96	-	-	22.96	0.00	3489.00
MW - 19	Manny	05/11/22	3511.96	27.22	22.97	23.00	0.03	3488.99
MW - 19	Manny	05/31/22	3511.96	-	-	23.09	0.00	3488.87
MW - 19	Manny	06/27/22	3511.96	-	22.20	22.50	0.30	3489.72
MW - 19	Manny	08/16/22	3511.96	27.09	23.38	23.65	0.27	3488.54
MW - 19	Manny	11/10/22	3511.96	27.12	23.22	23.40	0.18	3488.71
MW - 19	Manny	01/17/23	3511.96	-	23.00	23.10	0.10	3488.95
MW - 19	Manny	02/28/23	3511.96	27.10	-	22.94	0.00	3489.02
MW - 19	Manny	04/13/23	3511.96	-	-	22.83	0.00	3489.13
MW - 19	Manny	05/11/23	3511.96	27.13	22.80	22.81	0.01	3489.16
MW - 19	Manny	08/17/23	3511.96	27.11	-	23.40	0.00	3488.56
MW - 19	Manny	12/14/23	3511.96	27.11	-	23.13	0.00	3488.83
MW - 19	Manny	02/26/24	3511.96	27.08	-	22.99	0.00	3488.97
MW - 19	Manny	06/17/24	3511.96	27.11	-	23.26	0.00	3488.70
MW - 19	Manny	09/23/24	3511.96	27.08	23.71	23.94	0.00	3488.02
MW - 19	Manny	10/17/24	3511.96	-	23.78	23.83	0.00	3488.13
MW - 19	Manny	11/26/24	3511.96	-	22.85	22.93	0.00	3489.03
MW - 19	Manny	12/09/24	3511.96	27.09		23.54	0.00	3488.42
MW - 20		06/20/02	3508.43	-	-	21.19	0.00	3487.24
MW - 20		09/26/02	3508.43	-	-	21.61	0.00	3486.82
MW - 20		11/12/02	3508.43	-	-	21.60	0.00	3486.83
MW - 20		02/12/03	3508.43	-	-	21.20	0.00	3487.23
MW - 20		05/14/03	3508.43	-	-	21.19	0.00	3487.24
MW - 20		08/21/03	3508.43	-	-	22.05	0.00	3486.38
MW - 20		12/10/03	3508.43	-	-	22.01	0.00	3486.42
MW - 20		02/11/04	3508.43	-	-	22.11	0.00	3486.32
MW - 20		05/11/04	3508.43	-	-	20.98	0.00	3487.45
MW - 20		08/25/04	3508.43	-	-	21.25	0.00	3487.18
MW - 20		12/03/04	3508.43	-	-	20.61	0.00	3487.82
MW - 20		03/08/05	3508.43	-	-	20.00	0.00	3488.43
MW - 20		06/08/05	3508.43	-	-	19.52	0.00	3488.91
MW - 20		09/15/05	3508.43	-	-	19.65	0.00	3488.78
MW - 20		12/12/05	3508.43	-	-	19.51	0.00	3488.92
MW - 20		03/16/06	3508.43	-	-	19.46	0.00	3488.97
MW - 20		06/15/06	3508.43	-	-	19.84	0.00	3488.59
MW - 20		09/18/06	3508.43	-	-	19.65	0.00	3488.78
MW - 20		09/29/06	3508.43	-	-	19.66	0.00	3488.77
MW - 20		11/30/06	3508.43	-	-	19.60	0.00	3488.83
MW - 20		02/12/07	3508.43	-	-	19.46	0.00	3488.97
MW - 20		02/19/07	3508.43	-	-	19.47	0.00	3488.96
MW - 20		02/27/07	3508.43	-	-	19.41	0.00	3489.02
MW - 20		03/05/07	3508.43	-	-	19.49	0.00	3488.94
MW - 20		03/19/07	3508.43	-	-	19.45	0.00	3488.98
MW - 20		05/22/07	3508.43	-	-	19.31	0.00	3489.12
MW - 20		08/15/07	3508.43	-	-	19.93	0.00	3488.50
MW - 20		11/06/07	3508.43	-	-	19.73	0.00	3488.70
MW - 20		02/12/08	3508.43	-	-	19.61	0.00	3488.82

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20		05/13/08	3508.43	-	-	19.55	0.00	3488.88
MW - 20		08/14/08	3508.43	-	-	20.28	0.00	3488.15
MW - 20		11/12/08	3508.43	-	-	19.88	0.00	3488.55
MW - 20		02/10/09	3508.43	-	-	19.73	0.00	3488.70
MW - 20		02/13/09	3508.43	-	-	19.74	0.00	3488.69
MW - 20		02/16/09	3508.43	-	-	19.74	0.00	3488.69
MW - 20		02/24/09	3508.43	-	-	19.71	0.00	3488.72
MW - 20		03/02/09	3508.43	-	-	19.77	0.00	3488.66
MW - 20		03/05/09	3508.43	-	-	19.71	0.00	3488.72
MW - 20		03/09/09	3508.43	-	-	19.71	0.00	3488.72
MW - 20		03/16/09	3508.43	-	-	19.73	0.00	3488.70
MW - 20		03/19/09	3508.43	-	-	19.78	0.00	3488.65
MW - 20		03/25/09	3508.43	-	-	19.80	0.00	3488.63
MW - 20		03/30/09	3508.43	-	-	19.75	0.00	3488.68
MW - 20		04/13/09	3508.43	-	-	19.68	0.00	3488.75
MW - 20		04/16/09	3508.43	-	-	19.76	0.00	3488.67
MW - 20		04/21/09	3508.43	-	-	19.74	0.00	3488.69
MW - 20		04/27/09	3508.43	-	-	19.65	0.00	3488.78
MW - 20		04/30/09	3508.43	-	-	19.75	0.00	3488.68
MW - 20		05/06/09	3508.43	-	-	19.75	0.00	3488.68
MW - 20		05/12/09	3508.43	-	-	19.68	0.00	3488.75
MW - 20		05/19/09	3508.43	-	-	19.75	0.00	3488.68
MW - 20		06/12/09	3508.43	-	-	19.75	0.00	3488.68
MW - 20		06/22/09	3508.43	-	-	20.02	0.00	3488.41
MW - 20		07/06/09	3508.43	-	-	20.16	0.00	3488.27
MW - 20		07/09/09	3508.43	-	-	19.77	0.00	3488.66
MW - 20		07/13/09	3508.43	-	-	19.78	0.00	3488.65
MW - 20		07/20/09	3508.43	-	-	19.79	0.00	3488.64
MW - 20		07/29/09	3508.43	-	-	20.39	0.00	3488.04
MW - 20		08/10/09	3508.43	-	-	20.28	0.00	3488.15
MW - 20		11/18/09	3508.43	-	-	20.55	0.00	3487.88
MW - 20		01/04/09	3508.43	-	-	20.53	0.00	3487.90
MW - 20		02/09/10	3508.43	-	-	20.41	0.00	3488.02
MW - 20		05/12/10	3508.43	-	-	19.97	0.00	3488.46
MW - 20		07/26/10	3508.43	-	-	-	-	-
MW - 20		08/03/10	3508.43	-	-	19.62	0.00	3488.81
MW - 20		08/11/10	3508.43	-	-	19.97	0.00	3488.46
MW - 20		08/19/10	3508.43	-	-	19.66	0.00	3488.77
MW - 20		11/12/10	3508.43	-	-	20.55	0.00	3487.88
MW - 20		02/16/11	3508.43	-	-	20.54	0.00	3487.89
MW - 20		03/01/11	3508.43	-	-	19.94	0.00	3488.49
MW - 20		03/07/11	3508.43	-	-	19.92	0.00	3488.51
MW - 20		04/27/11	3508.43	-	-	19.94	0.00	3488.49
MW - 20		05/05/11	3508.43	-	-	20.00	0.00	3488.43
MW - 20		05/10/11	3508.43	-	-	20.12	0.00	3488.31
MW - 20		05/17/11	3508.43	-	-	20.23	0.00	3488.20
MW - 20		05/19/11	3508.43	-	-	20.23	0.00	3488.20
MW - 20		05/24/11	3508.43	-	-	20.13	0.00	3488.30
MW - 20		06/07/11	3508.43	-	-	20.23	0.00	3488.20
MW - 20		06/08/11	3508.43	-	-	20.24	0.00	3488.19
MW - 20		06/14/11	3508.43	-	-	20.27	0.00	3488.16
MW - 20		06/23/11	3508.43	-	-	20.26	0.00	3488.17
MW - 20		06/28/11	3508.43	-	-	20.28	0.00	3488.15
MW - 20		07/06/11	3508.43	-	-	20.43	0.00	3488.00
MW - 20		07/14/11	3508.43	-	-	20.43	0.00	3488.00
MW - 20		07/20/11	3508.43	-	-	20.50	0.00	3487.93
MW - 20		07/27/11	3508.43	-	-	20.55	0.00	3487.88
MW - 20		08/03/11	3508.43	-	-	20.57	0.00	3487.86
MW - 20		08/10/11	3508.43	-	-	20.60	0.00	3487.83
MW - 20		08/18/11	3508.43	-	-	20.66	0.00	3487.77
MW - 20		08/25/11	3508.43	-	-	20.71	0.00	3487.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20		11/14/11	3508.43	-	-	20.65	0.00	3487.78
MW - 20		12/01/11	3508.43	-	-	20.62	0.00	3487.81
MW - 20		12/08/11	3508.43	-	-	20.62	0.00	3487.81
MW - 20		12/14/11	3508.43	-	-	19.60	0.00	3488.83
MW - 20		01/12/12	3508.43	-	-	20.56	0.00	3487.87
MW - 20		01/19/12	3508.43	-	-	20.53	0.00	3487.90
MW - 20		02/03/12	3508.43	-	-	20.49	0.00	3487.94
MW - 20		02/29/12	3508.43	-	-	20.41	0.00	3488.02
MW - 20		03/14/12	3508.43	-	-	20.36	0.00	3488.07
MW - 20		03/19/12	3508.43	-	-	20.35	0.00	3488.08
MW - 20		03/29/12	3508.43	-	-	20.31	0.00	3488.12
MW - 20		04/05/12	3508.43	-	-	20.29	0.00	3488.14
MW - 20		04/18/12	3508.43	-	-	20.26	0.00	3488.17
MW - 20		04/27/12	3508.43	-	-	20.29	0.00	3488.14
MW - 20		05/02/12	3508.43	-	-	20.34	0.00	3488.09
MW - 20		05/31/12	3508.43	-	-	20.31	0.00	3488.12
MW - 20		06/08/12	3508.43	-	-	20.36	0.00	3488.07
MW - 20		06/12/12	3508.43	-	-	20.40	0.00	3488.03
MW - 20		06/21/12	3508.43	-	-	20.39	0.00	3488.04
MW - 20		06/29/12	3508.43	-	-	20.46	0.00	3487.97
MW - 20		07/13/12	3508.43	-	-	20.62	0.00	3487.81
MW - 20		12/06/12	3508.43	-	-	20.69	0.00	3487.74
MW - 20		12/11/12	3508.43	-	-	20.69	0.00	3487.74
MW - 20		12/18/12	3508.43	-	-	20.69	0.00	3487.74
MW - 20		01/09/13	3508.43	-	-	19.64	0.00	3488.79
MW - 20		01/15/13	3508.43	-	-	20.63	0.00	3487.80
MW - 20		01/23/13	3508.43	-	-	20.62	0.00	3487.81
MW - 20		01/29/13	3508.43	-	-	20.62	0.00	3487.81
MW - 20		02/07/13	3508.43	-	-	20.62	0.00	3487.81
MW - 20		02/13/13	3508.43	-	-	20.58	0.00	3487.85
MW - 20		02/20/13	3508.43	-	-	20.59	0.00	3487.84
MW - 20		03/15/13	3508.43	-	-	20.54	0.00	3487.89
MW - 20		03/19/13	3508.43	-	-	20.55	0.00	3487.88
MW - 20		04/02/13	3508.43	-	-	20.50	0.00	3487.93
MW - 20		04/09/13	3508.43	-	-	20.49	0.00	3487.94
MW - 20		04/16/13	3508.43	-	-	20.48	0.00	3487.95
MW - 20		04/23/13	3508.43	-	-	20.47	0.00	3487.96
MW - 20		04/30/13	3508.43	-	-	20.45	0.00	3487.98
MW - 20		05/08/13	3508.43	-	-	20.46	0.00	3487.97
MW - 20		05/14/13	3508.43	-	-	20.45	0.00	3487.98
MW - 20		05/22/13	3508.43	-	-	20.44	0.00	3487.99
MW - 20		05/28/13	3508.43	-	-	20.46	0.00	3487.97
MW - 20		06/04/13	3508.43	-	-	20.47	0.00	3487.96
MW - 20		06/11/13	3508.43	-	-	20.52	0.00	3487.91
MW - 20		06/19/13	3508.43	-	-	20.56	0.00	3487.87
MW - 20		06/28/13	3508.43	-	-	20.65	0.00	3487.78
MW - 20		07/01/13	3508.43	-	-	20.71	0.00	3487.72
MW - 20		07/08/13	3508.43	-	-	20.76	0.00	3487.67
MW - 20		07/23/13	3508.43	-	-	20.83	0.00	3487.60
MW - 20		07/30/13	3508.43	-	-	20.80	0.00	3487.63
MW - 20		08/05/13	3508.43	-	-	20.76	0.00	3487.67
MW - 20		08/12/13	3508.43	24.19	-	20.77	0.00	3487.66
MW - 20		08/22/13	3508.43	-	-	20.90	0.00	3487.53
MW - 20		08/29/13	3508.43	-	-	20.94	0.00	3487.49
MW - 20		09/05/13	3508.43	-	-	20.96	0.00	3487.47
MW - 20		09/10/13	3508.43	-	-	21.03	0.00	3487.40
MW - 20		09/17/13	3508.43	-	-	21.00	0.00	3487.43
MW - 20		09/24/13	3508.43	-	-	21.03	0.00	3487.40
MW - 20		10/07/13	3508.43	-	-	21.05	0.00	3487.38
MW - 20		11/14/13	3508.43	-	-	20.87	0.00	3487.56
MW - 20		11/20/13	3508.43	24.36	-	20.85	0.00	3487.58

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20		12/12/13	3508.43	-	-	20.82	0.00	3487.61
MW - 20		12/19/13	3508.43	-	-	20.77	0.00	3487.66
MW - 20		01/03/14	3508.43	-	-	20.78	0.00	3487.65
MW - 20		01/09/14	3508.43	-	-	20.77	0.00	3487.66
MW - 20		01/13/14	3508.43	-	-	20.75	0.00	3487.68
MW - 20		01/21/14	3508.43	-	-	20.75	0.00	3487.68
MW - 20	John Flores	01/24/14	3508.43	-	-	20.74	0.00	3487.69
MW - 20	John Flores	02/04/14	3509.47	24.49	-	20.69	0.00	3488.78
MW - 20		02/10/14	3509.47	-	-	20.70	0.00	3488.77
MW - 20	David F.	02/27/14	3509.47	-	-	20.67	0.00	3488.80
MW - 20	David F.	03/17/14	3509.47	-	-	20.62	0.00	3488.85
MW - 20	David F.	03/27/14	3509.47	-	-	20.58	0.00	3488.89
MW - 20	David F.	04/02/14	3509.47	-	-	20.58	0.00	3488.89
MW - 20	Many & Lira	04/16/14	3509.47	-	-	20.54	0.00	3488.93
MW - 20	Manny & Chanc	04/22/14	3509.47	-	-	20.53	0.00	3488.94
MW - 20	David & Justin	04/28/14	3509.47	-	-	20.52	0.00	3488.95
MW - 20	Manny & Chanc	05/06/14	3509.47	-	-	20.51	0.00	3488.96
MW - 20	Manny	05/13/14	3509.47	-	-	20.53	0.00	3488.94
MW - 20	Jose & Chance	05/14/14	3509.47	24.58	-	20.53	0.00	3488.94
MW - 20	Manny	05/21/14	3509.47	24.58	-	20.54	0.00	3488.93
MW - 20	Manny & Chanc	06/05/14	3509.47	-	-	20.64	0.00	3488.83
MW - 20	Manny	06/11/14	3509.47	-	-	20.71	0.00	3488.76
MW - 20	Manny	06/16/14	3509.47	-	-	20.78	0.00	3488.69
MW - 20	Manny	06/24/14	3509.47	-	-	20.87	0.00	3488.60
MW - 20	Manny	07/01/14	3509.47	-	-	20.89	0.00	3488.58
MW - 20	David	07/08/14	3509.47	-	-	20.99	0.00	3488.48
MW - 20	Manny	07/15/14	3509.47	-	-	21.04	0.00	3488.43
MW - 20	Manny	07/22/14	3509.47	-	-	21.07	0.00	3488.40
MW - 20	Manny	07/23/14	3509.47	-	-	21.07	0.00	3488.40
MW - 20	Manny	07/31/14	3509.47	-	-	21.10	0.00	3488.37
MW - 20	David F.	08/05/14	3509.47	-	-	21.12	0.00	3488.35
MW - 20	Manny	08/07/14	3509.47	-	-	21.13	0.00	3488.34
MW - 20	Manny	08/15/14	3509.47	-	-	21.16	0.00	3488.31
MW - 20	Manny	08/20/14	3509.47	-	-	21.17	0.00	3488.30
MW - 20	Manny	08/27/14	3509.47	-	-	21.19	0.00	3488.28
MW - 20	Manny	09/24/14	3509.47	-	-	20.71	0.00	3488.76
MW - 20	Manny	10/01/14	3509.47	-	-	20.08	0.00	3489.39
MW - 20	Manny	10/07/14	3509.47	-	-	19.98	0.00	3489.49
MW - 20	Manny	10/14/14	3509.47	-	-	19.97	0.00	3489.50
MW - 20	Manny	10/20/14	3509.47	-	-	19.97	0.00	3489.50
MW - 20	Manny	10/27/14	3509.47	-	-	19.97	0.00	3489.50
MW - 20	Manny	11/03/14	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny	11/11/14	3509.47	-	-	19.96	0.00	3489.51
MW - 20	Manny	11/19/14	3509.47	25.08	-	19.96	0.00	3489.51
MW - 20	Manny	12/08/14	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny	12/15/14	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny	12/22/14	3509.47	-	-	19.98	0.00	3489.49
MW - 20	Manny	12/29/14	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Manny	01/05/15	3509.47	-	-	20.02	0.00	3489.45
MW - 20	Manny	01/12/15	3509.47	-	-	20.01	0.00	3489.46
MW - 20	Manny	01/19/15	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Manny	02/04/05	3509.47	-	-	20.01	0.00	3489.46
MW - 20	Manny/Matt	02/09/15	3509.47	24.92	-	20.01	0.00	3489.46
MW - 20	Manny	02/19/15	3509.47	-	-	20.01	0.00	3489.46
MW - 20	Manny/Art	03/03/15	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Manny	03/09/15	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Carlos/Matt	03/16/15	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Manny	03/20/15	3509.47	-	-	20.00	0.00	3489.47
MW - 20	Carlos	03/23/15	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny/Art	03/30/15	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny/Arthur	04/07/15	3509.47	-	-	19.97	0.00	3489.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Manny/Arthur	04/14/15	3509.47	-	-	19.97	0.00	3489.50
MW - 20	Carlos/Matt	04/20/15	3509.47	-	-	19.94	0.00	3489.53
MW - 20	Manny/Arthur	04/27/15	3509.47	-	-	19.94	0.00	3489.53
MW - 20	Carlos	05/07/15	3509.47	-	-	21.61	0.00	3487.86
MW - 20	Carlos	05/11/15	3509.47	-	-	21.60	0.00	3487.87
MW - 20	Carlos	05/21/15	3509.47	-	-	19.87	0.00	3489.60
MW - 20	Manny/Arthur	05/27/15	3509.47	24.87	-	19.50	0.00	3489.97
MW - 20	Carlos	05/28/15	3509.47	-	-	19.84	0.00	3489.63
MW - 20	Manny	06/03/15	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Manny	06/08/15	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Manny	06/15/15	3509.47	-	-	19.84	0.00	3489.63
MW - 20	Arthur	06/25/15	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Manny/Arthur	06/29/15	3509.47	-	-	19.80	0.00	3489.67
MW - 20	Manny & Chanc	07/08/15	3509.47	-	-	19.84	0.00	3489.63
MW - 20	Carlos	07/09/15	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Manny	07/14/15	3509.47	-	-	19.89	0.00	3489.58
MW - 20	Arthur	07/20/15	3509.47	-	-	19.96	0.00	3489.51
MW - 20	Manny	07/28/15	3509.47	-	-	20.04	0.00	3489.43
MW - 20	Manny/Arthur	08/03/15	3509.47	24.80	-	20.11	0.00	3489.36
MW - 20	Carlos	08/04/15	3509.47	-	-	20.10	0.00	3489.37
MW - 20	Carlos	08/10/15	3509.47	-	-	20.16	0.00	3489.31
MW - 20	Carlos	08/17/15	3509.47	-	-	20.21	0.00	3489.26
MW - 20	Carlos	08/25/15	3509.47	-	-	20.25	0.00	3489.22
MW - 20	Arthur/Carlos	08/31/15	3509.47	-	-	20.21	0.00	3489.26
MW - 20	Carlos	09/08/15	3509.47	-	-	20.23	0.00	3489.24
MW - 20	Carlos	09/15/15	3509.47	-	-	20.22	0.00	3489.25
MW - 20	Manny	09/24/15	3509.47	-	-	20.33	0.00	3489.14
MW - 20	Manny	09/28/15	3509.47	-	-	20.33	0.00	3489.14
MW - 20	Manny	10/06/15	3509.47	-	-	20.34	0.00	3489.13
MW - 20	Carlos	10/12/15	3509.47	-	-	20.27	0.00	3489.20
MW - 20	Manny	10/26/15	3509.47	-	-	20.15	0.00	3489.32
MW - 20	Manny	11/06/15	3509.47	-	-	20.05	0.00	3489.42
MW - 20	Carlos	11/10/15	3509.47	-	-	19.99	0.00	3489.48
MW - 20	Manny	11/18/15	3509.47	24.87	-	19.99	0.00	3489.48
MW - 20	Carlos	12/02/15	3509.47	-	-	19.94	0.00	3489.53
MW - 20	Carlos	12/07/15	3509.47	-	-	19.93	0.00	3489.54
MW - 20	Carlos	12/14/15	3509.47	-	-	19.91	0.00	3489.56
MW - 20	Carlos	01/05/16	3509.47	-	-	19.91	0.00	3489.56
MW - 20	Manny	01/08/16	3509.47	-	-	19.90	0.00	3489.57
MW - 20	Manny	01/12/16	3509.47	-	-	19.90	0.00	3489.57
MW - 20	Carlos	01/18/16	3509.47	-	-	19.88	0.00	3489.59
MW - 20	Carlos	01/25/16	3509.47	-	-	19.86	0.00	3489.61
MW - 20	Carlos	02/01/16	3509.47	-	-	19.84	0.00	3489.63
MW - 20	Carlos	02/08/16	3509.47	-	-	19.85	0.00	3489.62
MW - 20	Carlos	02/19/16	3509.47	-	-	19.82	0.00	3489.65
MW - 20	Manny	02/23/16	3509.47	24.83	-	19.80	0.00	3489.67
MW - 20	Manny	03/03/16	3509.47	-	-	19.82	0.00	3489.65
MW - 20	Carlos	03/07/16	3509.47	-	-	19.77	0.00	3489.70
MW - 20	Carlos	03/15/16	3509.47	-	-	19.77	0.00	3489.70
MW - 20	Manny	03/21/16	3509.47	-	-	19.79	0.00	3489.68
MW - 20	Carlos	03/28/16	3509.47	-	-	19.77	0.00	3489.70
MW - 20	Carlos	04/05/16	3509.47	-	-	19.74	0.00	3489.73
MW - 20	Manny	04/08/16	3509.47	-	-	19.76	0.00	3489.71
MW - 20	Carlos	04/12/16	3509.47	-	-	19.73	0.00	3489.74
MW - 20	Carlos	04/18/16	3509.47	-	-	19.72	0.00	3489.75
MW - 20	Carlos	04/25/16	3509.47	-	-	19.70	0.00	3489.77
MW - 20	Carlos	05/02/16	3509.47	-	-	19.70	0.00	3489.77
MW - 20	Carlos	05/23/16	3509.47	-	-	19.68	0.00	3489.79
MW - 20	Carlos	06/01/16	3509.47	-	-	19.77	0.00	3489.70
MW - 20	Manny	06/06/16	3509.47	24.72	-	19.80	0.00	3489.67
MW - 20	Carlos	06/28/16	3509.47	-	-	19.97	0.00	3489.50

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Manny	07/12/16	3509.47	-	-	20.15	0.00	3489.32
MW - 20	Carlos	07/19/16	3509.47	-	-	20.22	0.00	3489.25
MW - 20	Carlos	07/27/16	3509.47	-	-	20.29	0.00	3489.18
MW - 20	Manny/ Wes	08/03/16	3509.47	24.70	-	20.34	0.00	3489.13
MW - 20	Carlos	08/08/16	3509.47	-	-	20.37	0.00	3489.10
MW - 20	Carlos	08/16/16	3509.47	-	-	20.39	0.00	3489.08
MW - 20	Carlos	08/23/16	3509.47	-	-	20.41	0.00	3489.06
MW - 20	Manny	08/31/16	3509.47	-	-	20.25	0.00	3489.22
MW - 20	Carlos	09/14/16	3509.47	-	-	19.54	0.00	3489.93
MW - 20	Carlos	09/22/16	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Manny	09/27/16	3509.47	-	-	19.26	0.00	3490.21
MW - 20	Wesley	10/07/16	3509.47	-	-	19.22	0.00	3490.25
MW - 20	Manny	10/21/16	3509.47	-	-	19.24	0.00	3490.23
MW - 20	Manny	10/28/16	3509.47	-	-	19.26	0.00	3490.21
MW - 20	Manny	11/04/16	3509.47	-	-	19.28	0.00	3490.19
MW - 20	Manny	11/09/16	3509.47	24.73	-	19.29	0.00	3490.18
MW - 20	Wesley	12/06/16	3509.47	-	-	19.32	0.00	3490.15
MW - 20	Manny	12/15/16	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Manny	12/22/16	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Manny	12/29/16	3509.47	-	-	19.37	0.00	3490.10
MW - 20	Carlos	01/05/17	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Manny	01/11/17	3509.47	-	-	19.54	0.00	3489.93
MW - 20	Carlos	01/18/17	3509.47	-	-	19.36	0.00	3490.11
MW - 20	Manny	01/26/17	3509.47	-	-	19.37	0.00	3490.10
MW - 20	Manny	01/31/17	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Carlos	02/10/17	3509.47	-	-	19.36	0.00	3490.11
MW - 20	Wesley	02/17/17	3509.47	-	-	19.33	0.00	3490.14
MW - 20	Manny	02/24/17	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Manny	03/01/17	3509.47	24.63	-	19.33	0.00	3490.14
MW - 20	Carlos	03/09/17	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Wesley	03/15/17	3509.47	-	-	19.34	0.00	3490.13
MW - 20	Manny	03/22/17	3509.47	-	-	19.33	0.00	3490.14
MW - 20	Carlos	03/29/17	3509.47	-	-	19.32	0.00	3490.15
MW - 20	Manny	04/07/17	3509.47	-	-	19.32	0.00	3490.15
MW - 20	Wesley	04/11/17	3509.47	-	-	19.31	0.00	3490.16
MW - 20	Manny	04/20/17	3509.47	-	-	19.29	0.00	3490.18
MW - 20	Jeremy	05/02/17	3509.47	-	-	19.28	0.00	3490.19
MW - 20	Manny	05/12/17	3509.47	-	-	19.31	0.00	3490.16
MW - 20	Jeremy	05/16/17	3509.47	-	-	19.30	0.00	3490.17
MW - 20	Manny	05/23/17	3509.47	24.52	-	19.35	0.00	3490.12
MW - 20	Jeremy	06/05/17	3509.47	-	-	19.43	0.00	3490.04
MW - 20	Manny	06/15/17	3509.47	-	-	19.53	0.00	3489.94
MW - 20	Jeremy	06/28/17	3509.47	-	-	19.65	0.00	3489.82
MW - 20	Jeremy	07/05/17	3509.47	-	-	19.72	0.00	3489.75
MW - 20	Jeremy	07/11/17	3509.47	-	-	19.81	0.00	3489.66
MW - 20	Jeremy	07/17/17	3509.47	-	-	19.82	0.00	3489.65
MW - 20	Jeremy	07/20/17	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Jeremy	08/16/17	3509.47	24.33	-	19.74	0.00	3489.73
MW - 20	Jeremy	09/05/17	3509.47	-	-		0.00	3509.47
MW - 20	Jeremy	09/13/17	3509.47	-	-	19.53	0.00	3489.94
MW - 20	Jeremy	09/19/17	3509.47	-	-	19.58	0.00	3489.89
MW - 20	Jeremy	09/29/17	3509.47	-	-	19.42	0.00	3490.05
MW - 20	Jeremy	10/05/17	3509.47	-	-	19.69	0.00	3489.78
MW - 20	Jeremy	10/12/17	3509.47	-	-	19.49	0.00	3489.98
MW - 20	Jeremy	10/20/17	3509.47	-	-	19.44	0.00	3490.03
MW - 20	Jeremy	10/24/17	3509.47	-	-	19.58	0.00	3489.89
MW - 20	Jeremy	11/02/17	3509.47	-	-	19.44	0.00	3490.03
MW - 20	Manny/ Jeremy	11/14/17	3509.47	24.34	-	19.46	0.00	3490.01
MW - 20	Jeremy	12/20/17	3509.47	-	-	19.41	0.00	3490.06
MW - 20	Jeremy	12/28/17	3509.47	-	-	19.40	0.00	3490.07
MW - 20	Jeremy	01/03/18	3509.47	-	-	19.41	0.00	3490.06

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Jeremy	01/09/18	3509.47	-	-	19.39	0.00	3490.08
MW - 20	Jeremy	01/19/18	3509.47	-	-	19.38	0.00	3490.09
MW - 20	Jeremy	01/24/18	3509.47	-	-	19.40	0.00	3490.07
MW - 20	Jeremy	02/08/18	3509.47	24.08	-	19.39	0.00	3490.08
MW - 20	Jeremy	02/12/18	3509.47	-	-	19.37	0.00	3490.10
MW - 20	Jeremy	02/22/18	3509.47	-	-	19.36	0.00	3490.11
MW - 20	Jeremy	03/02/18	3509.47	-	-	19.37	0.00	3490.10
MW - 20	Jeremy	03/07/18	3509.47	-	-	19.36	0.00	3490.11
MW - 20	Jeremy	03/19/18	3509.47	-	-	19.35	0.00	3490.12
MW - 20	Jeremy	03/29/18	3509.47	-	-	19.34	0.00	3490.13
MW - 20	Jeremy	04/02/18	3509.47	-	-	19.33	0.00	3490.14
MW - 20	Jeremy	04/11/18	3509.47	-	-	19.33	0.00	3490.14
MW - 20	Jeremy	04/16/18	3509.47	-	-	19.31	0.00	3490.16
MW - 20	Jeremy	04/25/18	3509.47	-	-	19.33	0.00	3490.14
MW - 20	Jeremy	05/01/18	3509.47	-	-	19.32	0.00	3490.15
MW - 20	Jeremy	05/08/18	3509.47	-	-	19.36	0.00	3490.11
MW - 20	Jeremy	05/21/18	3509.47	23.96	-	19.53	0.00	3489.94
MW - 20	Jeremy	05/31/18	3509.47	-	-	19.64	0.00	3489.83
MW - 20	Jeremy	06/06/18	3509.47	-	-	19.17	0.00	3490.30
MW - 20	Jeremy	06/13/18	3509.47	-	-	19.76	0.00	3489.71
MW - 20	Jeremy	06/18/18	3509.47	-	-	19.78	0.00	3489.69
MW - 20	Jeremy	06/25/18	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Jeremy	07/02/18	3509.47	-	-	19.89	0.00	3489.58
MW - 20	Jeremy	07/11/18	3509.47	-	-	19.95	0.00	3489.52
MW - 20	Jeremy	07/19/18	3509.47	-	-	19.98	0.00	3489.49
MW - 20	Jeremy	07/27/18	3509.47	-	-	20.05	0.00	3489.42
MW - 20	Jeremy/ Wesley	08/08/18	3509.47	24.22	-	20.12	0.00	3489.35
MW - 20	Jeremy	08/30/18	3509.47	24.22	-	20.20	0.00	3489.27
MW - 20	Jeremy	09/12/18	3509.47	24.22	-	20.18	0.00	3489.29
MW - 20	Jeremy	09/20/18	3509.47	24.22	-	20.13	0.00	3489.34
MW - 20	Jeremy	09/26/18	3509.47	24.22	-	20.10	0.00	3489.37
MW - 20	Jeremy	10/03/18	3509.47	24.22	-	20.09	0.00	3489.38
MW - 20	Jeremy	10/19/18	3509.47	24.22	-	20.09	0.00	3489.38
MW - 20	Jeremy	10/31/18	3509.47	-	-	19.95	0.00	3489.52
MW - 20	Jeremy	11/06/18	3509.47	-	-	19.88	0.00	3489.59
MW - 20	Jeremy	11/12/18	3509.47	24.41	-	19.86	0.00	3489.61
MW - 20	Jeremy	12/03/18	3509.47	28.31	-	19.82	0.00	3489.65
MW - 20	Jeremy	12/05/18	3509.47	24.41	-	19.82	0.00	3489.65
MW - 20	Manny/Elias	12/19/18	3509.47	-	-	19.77	0.00	3489.70
MW - 20	Manny/Elias	12/27/18	3509.47	-	-	19.76	0.00	3489.71
MW - 20	Jeremy	01/03/19	3509.47	-	-	19.74	0.00	3489.73
MW - 20	Jeremy	01/09/19	3509.47	-	-	19.74	0.00	3489.73
MW - 20	Jeremy	01/16/19	3509.47	-	-	19.73	0.00	3489.74
MW - 20	Jeremy	02/06/19	3509.47	-	-	19.72	0.00	3489.75
MW - 20	Jeremy	02/13/19	3509.47	24.13	-	19.69	0.00	3489.78
MW - 20	Jeremy	02/28/19	3509.47	-	-	19.67	0.00	3489.80
MW - 20	Jeremy	03/06/19	3509.47	-	-	19.67	0.00	3489.80
MW - 20	Elias	03/12/19	3509.47	-	-	19.64	0.00	3489.83
MW - 20	Elias	03/19/19	3509.47	-	-	19.63	0.00	3489.84
MW - 20	Elias	03/28/19	3509.47	-	-	19.61	0.00	3489.86
MW - 20	Elias	04/01/19	3509.47	-	-	19.60	0.00	3489.87
MW - 20	Elias	04/10/19	3509.47	-	-	19.57	0.00	3489.90
MW - 20	Elias	04/17/19	3509.47	-	-	19.56	0.00	3489.91
MW - 20	Elias	04/24/19	3509.47	-	-	19.55	0.00	3489.92
MW - 20	Elias	05/01/19	3509.47	-	-	19.54	0.00	3489.93
MW - 20	Elias	05/08/19	3509.47	23.70	-	19.53	0.00	3489.94
MW - 20	Elias	06/14/19	3509.47	-	-	19.74	0.00	3489.73
MW - 20	Elias	07/11/19	3509.47	-	-	20.02	0.00	3489.45
MW - 20	Elias	08/07/19	3509.47	23.62	-	20.19	0.00	3489.28
MW - 20	Elias	09/12/19	3509.47	-	-	20.32	0.00	3489.15
MW - 20	Elias	09/17/19	3509.47	-	-	20.34	0.00	3489.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 20	Elias	10/15/19	3509.47	-	-	20.10	0.00	3489.37
MW - 20	Elias	11/06/19	3509.47	23.62	-	20.06	0.00	3489.41
MW - 20	Elias	12/17/19	3509.47	-	-	19.88	0.00	3489.59
MW - 20	Elias	01/06/20	3509.47	-	-	19.85	0.00	3489.62
MW - 20	Elias	01/23/20	3509.47	-	-	19.83	0.00	3489.64
MW - 20	Elias	03/04/20	3509.47	23.52	-	19.78	0.00	3489.69
MW - 20	Manny	05/14/20	3509.47	-	-	19.57	0.00	3489.90
MW - 20	Manny	05/21/20	3509.47	-	-	19.60	0.00	3489.87
MW - 20	Manny	06/18/20	3509.47	23.55	-	19.96	0.00	3489.51
MW - 20	Manny	07/21/20	3509.47	-	-	20.25	0.00	3489.22
MW - 20	Manny	08/13/20	3509.47	23.57	-	20.37	0.00	3489.10
MW - 20	Manny	09/14/20	3509.47	-	-	20.46	0.00	3489.01
MW - 20	Manny	12/09/20	3509.47	23.64	-	20.62	0.00	3488.85
MW - 20	Manny	01/13/21	3509.47	-	-	20.61	0.00	3488.86
MW - 20	Manny	02/11/21	3509.47	23.68	-	20.55	0.00	3488.92
MW - 20	Manny	04/21/21	3509.47	-	-	20.46	0.00	3489.01
MW - 20	Manny	06/10/21	3509.47	23.68	-	20.47	0.00	3489.00
MW - 20	Manny	09/22/21	3509.47	-	-	20.69	0.00	3488.78
MW - 20	Manny	10/14/21	3509.47	-	-	20.72	0.00	3488.75
MW - 20	Manny	12/06/21	3509.47	23.69	-	20.79	0.00	3488.68
MW - 20	Manny	03/16/22	3509.47	23.67	-	20.74	0.00	3488.73
MW - 20	Manny	04/20/22	3509.47	-	-	20.76	0.00	3488.71
MW - 20	Manny	05/11/22	3509.47	23.70	-	20.79	0.00	3488.68
MW - 20	Manny	08/16/22	3509.47	23.66	-	21.17	0.00	3488.30
MW - 20	Manny	11/10/22	3509.47	23.69	-	21.02	0.00	3488.45
MW - 20	Manny	03/01/23	3509.47	23.67	-	20.72	0.00	3488.75
MW - 20	Manny	05/10/23	3509.47	23.69	-	20.60	0.00	3488.87
MW - 20	Manny	08/17/23	3509.47	23.74	-	21.24	0.00	3488.23
MW - 20	Manny	12/15/23	3509.47	23.75	-	20.99	0.00	3488.48
MW - 20	Manny	02/26/24	3509.47	23.78	-	20.76	0.00	3488.71
MW - 20	Manny	06/17/24	3509.47	23.78	-	21.15	0.00	3488.32
MW - 20	Manny	09/23/24	3509.47	23.78	-	21.54	0.00	3487.93
MW - 20	Manny	12/09/24	3509.47	23.80	-	21.35	0.00	3488.12
MW - 21		06/20/02	3506.98	-	-	20.20	0.00	3486.78
MW - 21		09/26/02	3506.98	-	-	20.63	0.00	3486.35
MW - 21		11/12/02	3506.98	-	-	21.52	0.00	3485.46
MW - 21		02/12/03	3506.98	-	-	20.18	0.00	3486.80
MW - 21		05/14/03	3506.98	-	-	20.18	0.00	3486.80
MW - 21		08/21/03	3506.98	-	-	21.01	0.00	3485.97
MW - 21		12/10/03	3506.98	-	-	20.98	0.00	3486.00
MW - 21		02/11/04	3506.98	-	-	21.11	0.00	3485.87
MW - 21		05/11/04	3506.98	-	-	19.96	0.00	3487.02
MW - 21		08/25/04	3506.98	-	-	20.23	0.00	3486.75
MW - 21		12/02/04	3506.98	-	-	19.60	0.00	3487.38
MW - 21		03/08/05	3506.98	-	-	18.94	0.00	3488.04
MW - 21		06/08/05	3506.98	-	-	18.48	0.00	3488.50
MW - 21		09/15/05	3506.98	-	-	18.63	0.00	3488.35
MW - 21		12/12/05	3506.98	-	-	18.47	0.00	3488.51
MW - 21		03/16/06	3506.98	-	-	18.42	0.00	3488.56
MW - 21		06/15/06	3506.98	-	-	18.81	0.00	3488.17
MW - 21		09/18/06	3506.98	-	-	18.64	0.00	3488.34
MW - 21		09/29/06	3506.98	-	-	18.62	0.00	3488.36
MW - 21		11/30/06	3506.98	-	-	18.62	0.00	3488.36
MW - 21		02/12/07	3506.98	-	-	18.42	0.00	3488.56
MW - 21		02/19/07	3506.98	-	-	18.42	0.00	3488.56
MW - 21		02/27/07	3506.98	-	-	18.42	0.00	3488.56
MW - 21		03/05/07	3506.98	-	-	18.44	0.00	3488.54
MW - 21		03/19/07	3506.98	-	-	17.41	0.00	3489.57
MW - 21		05/22/07	3506.98	-	-	18.21	0.00	3488.77
MW - 21		08/15/07	3506.98	-	-	18.89	0.00	3488.09

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 21		11/06/07	3506.98	-	-	18.69	0.00	3488.29
MW - 21		02/12/08	3506.98	-	-	18.55	0.00	3488.43
MW - 21		05/13/08	3506.98	-	-	18.48	0.00	3488.50
MW - 21		08/14/08	3506.98	-	-	19.21	0.00	3487.77
MW - 21		11/12/08	3506.98	-	-	18.80	0.00	3488.18
MW - 21		02/10/09	3506.98	-	-	18.66	0.00	3488.32
MW - 21		05/12/09	3506.98	-	-	18.62	0.00	3488.36
MW - 21		08/10/09	3506.98	-	-	19.21	0.00	3487.77
MW - 21		11/18/09	3506.98	-	-	19.45	0.00	3487.53
MW - 21		01/04/10	3506.98	-	-	19.50	0.00	3487.48
MW - 21		02/09/10	3506.98	-	-	19.29	0.00	3487.69
MW - 21		05/12/10	3506.98	-	-	18.91	0.00	3488.07
MW - 21		08/11/10	3506.98	-	-	18.91	0.00	3488.07
MW - 21		11/11/10	3506.98	-	-	19.48	0.00	3487.50
MW - 21		02/16/11	3506.98	-	-	19.49	0.00	3487.49
MW - 21		05/19/11	3506.98	-	-	19.47	0.00	3487.51
MW - 21		08/10/11	3506.98	-	-	19.54	0.00	3487.44
MW - 21		11/14/11	3506.98	-	-	19.60	0.00	3487.38
MW - 21		02/29/12	3506.98	-	-	19.35	0.00	3487.63
MW - 21		05/02/12	3506.98	-	-	19.30	0.00	3487.68
MW - 21		12/06/12	3506.98	-	-	19.64	0.00	3487.34
MW - 21		02/13/13	3506.98	-	-	19.53	0.00	3487.45
MW - 21		02/25/13	3506.98	-	-	19.52	0.00	3487.46
MW - 21		04/30/13	3506.98	-	-	19.41	0.00	3487.57
MW - 21		05/08/13	3506.98	-	-	19.44	0.00	3487.54
MW - 21		05/22/13	3506.98	-	-	19.41	0.00	3487.57
MW - 21		06/04/13	3506.98	-	-	19.44	0.00	3487.54
MW - 21		06/19/13	3506.98	-	-	19.41	0.00	3487.57
MW - 21		06/28/13	3506.98	-	-	19.63	0.00	3487.35
MW - 21		07/01/13	3506.98	-	-	19.69	0.00	3487.29
MW - 21		07/08/13	3506.98	-	-	19.75	0.00	3487.23
MW - 21		07/23/13	3506.98	-	-	19.81	0.00	3487.17
MW - 21		07/30/13	3506.98	-	-	19.75	0.00	3487.23
MW - 21		08/05/13	3506.98	-	-	19.74	0.00	3487.24
MW - 21		08/12/13	3506.98	-	-	19.74	0.00	3487.24
MW - 21		08/22/13	3506.98	-	-	19.84	0.00	3487.14
MW - 21		08/29/13	3506.98	-	-	19.90	0.00	3487.08
MW - 21		09/05/13	3506.98	-	-	19.92	0.00	3487.06
MW - 21		09/10/13	3506.98	-	-	19.95	0.00	3487.03
MW - 21		09/17/13	3506.98	-	-	19.98	0.00	3487.00
MW - 21		09/24/13	3506.98	-	-	19.97	0.00	3487.01
MW - 21		10/07/13	3506.98	-	-	20.03	0.00	3486.95
MW - 21		11/14/13	3506.98	-	-	19.85	0.00	3487.13
MW - 21		11/20/13	3506.98	27.27	-	19.82	0.00	3487.16
MW - 21		12/12/13	3506.98	-	-	19.79	0.00	3487.19
MW - 21		12/19/13	3506.98	-	-	19.75	0.00	3487.23
MW - 21		01/03/14	3506.98	-	-	19.74	0.00	3487.24
MW - 21		01/09/14	3506.98	-	-	19.72	0.00	3487.26
MW - 21		01/13/14	3506.98	-	-	19.72	0.00	3487.26
MW - 21		01/21/14	3506.98	-	-	19.70	0.00	3487.28
MW - 21		01/24/14	3506.98	-	-	19.70	0.00	3487.28
MW - 21		02/10/14	3506.98	-	-	19.65	0.00	3487.33
MW - 21	David/Jose	02/04/14	3508.05	27.30	-	19.64	0.00	3488.41
MW - 21	David F.	02/27/14	3508.05	-	-	19.64	0.00	3488.41
MW - 21	David F.	03/17/14	3508.05	-	-	19.60	0.00	3488.45
MW - 21	David F.	03/27/14	3508.05	-	-	19.55	0.00	3488.50
MW - 21	David & Jose	04/02/14	3508.05	-	-	19.54	0.00	3488.51
MW - 21	Manny & Lira	04/16/14	3508.05	-	-	19.52	0.00	3488.53
MW - 21	Manny & Chanc	04/22/14	3508.05	-	-	19.50	0.00	3488.55
MW - 21	David & Justin	04/28/14	3508.05	-	-	19.50	0.00	3488.55
MW - 21	Manny & Chanc	05/06/14	3508.05	-	-	19.49	0.00	3488.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 21	Manny	05/13/14	3508.05	-	-	19.50	0.00	3488.55
MW - 21	Jose & Chance	05/14/14	3508.05	27.16	-	19.51	0.00	3488.54
MW - 21	Manny	05/21/14	3508.05	27.16	-	19.54	0.00	3488.51
MW - 21	Manny & Chanc	06/05/14	3508.05	-	-	19.64	0.00	3488.41
MW - 21	Manny	06/11/14	3508.05	-	-	19.72	0.00	3488.33
MW - 21	Manny	06/16/14	3508.05	-	-	19.79	0.00	3488.26
MW - 21	Manny	07/22/14	3508.05	-	-	20.06	0.00	3487.99
MW - 21	David F.	08/05/14	3508.05	27.16	-	20.12	0.00	3487.93
MW - 21	Manny	10/27/14	3508.05	27.16	-	18.93	0.00	3489.12
MW - 21	Manny	11/19/14	3508.05	27.14	-	18.90	0.00	3489.15
MW - 21	Manny/Matt	02/09/15	3508.05	27.14	-	18.98	0.00	3489.07
MW - 21	Manny	03/20/15	3508.05	-	-	18.96	0.00	3489.09
MW - 21	Manny	04/04/15	3508.05	-	-	18.95	0.00	3489.10
MW - 21	Manny/Arthur	05/27/15	3508.05	27.11	-	18.78	0.00	3489.27
MW - 21	Carlos	07/09/15	3508.05	-	-	18.80	0.00	3489.25
MW - 21	Manny/Arthur	08/03/15	3508.05	27.09	-	19.09	0.00	3488.96
MW - 21	Manny	09/24/15	3508.05	-	-	19.30	0.00	3488.75
MW - 21	Manny	11/18/15	3508.05	27.09	-	18.94	0.00	3489.11
MW - 21	Manny	01/08/16	3508.05	-	-	18.86	0.00	3489.19
MW - 21	Manny	02/23/16	3508.05	27.10	-	18.79	0.00	3489.26
MW - 21	Manny	04/08/16	3508.05	-	-	18.72	0.00	3489.33
MW - 21	Manny	06/06/16	3508.05	27.06	-	18.77	0.00	3489.28
MW - 21	Carlos	06/28/16	3508.05	-	-	18.95	0.00	3489.10
MW - 21	Carlos	07/27/16	3508.05	-	-	19.28	0.00	3488.77
MW - 21	Manny/ Wes	08/03/16	3508.05	27.00	-	19.33	0.00	3488.72
MW - 21	Manny	09/27/16	3508.05	-	-	18.07	0.00	3489.98
MW - 21	Manny	10/21/16	3508.05	-	-	18.20	0.00	3489.85
MW - 21	Manny	11/09/16	3508.05	27.00	-	18.26	0.00	3489.79
MW - 21	Manny	01/26/17	3508.05	-	-	18.32	0.00	3489.73
MW - 21	Manny	03/01/17	3508.05	26.99	-	18.31	0.00	3489.74
MW - 21	Wesley	03/15/17	3508.05	-	-	18.28	0.00	3489.77
MW - 21	Manny	05/23/17	3508.05	26.95	-	18.32	0.00	3489.73
MW - 21	Jeremy	07/20/17	3508.05	-	-	18.80	0.00	3489.25
MW - 21	Jeremy	08/16/17	3508.05	26.79	-	18.63	0.00	3489.42
MW - 21	Jeremy	09/13/17	3508.05	-	-	18.48	0.00	3489.57
MW - 21	Jeremy	10/12/17	3508.05	-	-	18.41	0.00	3489.64
MW - 21	Manny/ Jeremy	11/14/17	3508.05	26.82	-	18.38	0.00	3489.67
MW - 21	Jeremy	12/20/17	3508.05	-	-	18.35	0.00	3489.70
MW - 21	Jeremy	01/09/18	3508.05	-	-	18.34	0.00	3489.71
MW - 21	Jeremy	02/08/18	3508.05	26.67	-	18.32	0.00	3489.73
MW - 21	Jeremy	03/29/18	3508.05	-	-	18.28	0.00	3489.77
MW - 21	Jeremy	04/16/18	3508.05	-	-	18.26	0.00	3489.79
MW - 21	Jeremy	05/21/18	3508.05	26.55	-	18.50	0.00	3489.55
MW - 21	Jeremy	06/18/18	3508.05	-	-	18.75	0.00	3489.30
MW - 21	Jeremy	07/11/18	3508.05	-	-	18.92	0.00	3489.13
MW - 21	Jeremy/ Wesley	08/08/18	3508.05	26.49	-	19.09	0.00	3488.96
MW - 21	Jeremy	09/12/18	3508.05	-	-	19.09	0.00	3488.96
MW - 21	Jeremy	11/12/18	3508.05	26.44	-	18.79	0.00	3489.26
MW - 21	Jeremy	01/09/19	3508.05	-	-	18.68	0.00	3489.37
MW - 21	Jeremy	02/12/19	3508.05	26.44	-	18.63	0.00	3489.42
MW - 21	Elias	03/12/19	3508.05	-	-	18.58	0.00	3489.47
MW - 21	Elias	04/01/19	3508.05	-	-	18.52	0.00	3489.53
MW - 21	Elias	05/08/19	3508.05	26.22	-	18.48	0.00	3489.57
MW - 21	Elias	06/14/19	3508.05	-	-	18.71	0.00	3489.34
MW - 21	Elias	07/11/19	3508.05	-	-	18.99	0.00	3489.06
MW - 21	Elias	08/07/19	3508.05	26.09	-	19.15	0.00	3488.90
MW - 21	Elias	09/12/19	3508.05	-	-	19.27	0.00	3488.78
MW - 21	Elias	10/15/19	3508.05	-	-	19.01	0.00	3489.04
MW - 21	Elias	11/06/19	3508.05	25.99	-	18.98	0.00	3489.07
MW - 21	Elias	12/17/19	3508.05	-	-	18.81	0.00	3489.24
MW - 21	Elias	01/06/20	3508.05	-	-	18.78	0.00	3489.27

TABLE 4

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PLAINS MARKETING, L.P.
TNM 97- 17
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 21	Elias	03/04/20	3508.05	25.99	-	18.72	0.00	3489.33
MW - 21	Manny	05/14/20	3508.05	-	-	18.53	0.00	3489.52
MW - 21	Manny	06/17/20	3508.05	-	-	18.95	0.00	3489.10
MW - 21	Manny	07/21/20	3508.05	-	-	19.24	0.00	3488.81
MW - 21	Manny	08/12/20	3508.05	-	-	19.32	0.00	3488.73
MW - 21	Manny	09/14/20	3508.05	-	-	19.42	0.00	3488.63
MW - 21	Manny	12/08/20	3508.05	-	-	19.54	0.00	3488.51
MW - 21	Manny	01/13/21	3508.05	-	-	19.55	0.00	3488.50
MW - 21	Manny	02/10/21	3508.05	-	-	19.49	0.00	3488.56
MW - 21	Manny	04/21/21	3508.05	-	-	19.43	0.00	3488.62
MW - 21	Manny	06/10/21	3508.05	25.84	-	19.46	0.00	3488.59
MW - 21	Manny	09/22/21	3508.05	-	-	19.66	0.00	3488.39
MW - 21	Manny	10/14/21	3508.05	-	-	19.69	0.00	3488.36
MW - 21	Manny	12/06/21	3508.05	-	-	19.73	0.00	3488.32
MW - 21	Manny	03/14/22	3508.05	-	-	19.70	0.00	3488.35
MW - 21	Manny	04/20/22	3508.05	-	-	19.70	0.00	3488.35
MW - 21	Manny	05/09/22	3508.05	-	-	19.76	0.00	3488.29
MW - 21	Manny	08/16/22	3508.05	25.78	-	20.20	0.00	3487.85
MW - 21	Manny	11/08/22	3508.05	-	-	20.11	0.00	3487.94
MW - 21	Manny	02/27/23	3508.05	-	-	19.71	0.00	3488.34
MW - 21	Manny	05/10/23	3508.05	-	-	19.63	0.00	3488.42
MW - 21	Manny	08/16/23	3508.05	-	-	20.28	0.00	3487.77
MW - 21	Manny	12/13/23	3508.05	25.76	-	19.90	0.00	3488.15
MW - 21	Manny	02/26/24	3508.05	25.76	-	19.75	0.00	3488.30
MW - 21	Manny	06/17/24	3508.05	25.76	-	20.16	0.00	3487.89
MW - 21	Manny	09/23/24	3508.05	-	-	20.50	0.00	3487.55
MW - 21	Manny	12/09/24	3508.05	25.75	-	20.33	0.00	3487.72
MW - 22		06/20/02	3505.61	-	-	19.32	0.00	3486.29
MW - 22		09/26/02	3505.61	-	-	19.68	0.00	3485.93
MW - 22		11/12/02	3505.61	-	-	19.54	0.00	3486.07
MW - 22		02/12/04	3505.61	-	-	19.23	0.00	3486.38
MW - 22		05/14/03	3505.61	-	-	19.25	0.00	3486.36
MW - 22		08/21/03	3505.61	-	-	20.14	0.00	3485.47
MW - 22		12/10/03	3505.61	-	-	20.12	0.00	3485.49
MW - 22		02/11/04	3505.61	-	-	20.15	0.00	3485.46
MW - 22		05/11/04	3505.61	-	-	18.96	0.00	3486.65
MW - 22		08/25/04	3505.61	-	-	19.28	0.00	3486.33
MW - 22		12/03/04	3505.61	-	-	18.62	0.00	3486.99
MW - 22		03/08/05	3505.61	-	-	18.00	0.00	3487.61
MW - 22		06/08/05	3505.61	-	-	17.52	0.00	3488.09
MW - 22		09/15/05	3505.61	-	-	17.70	0.00	3487.91
MW - 22		12/12/05	3505.61	-	-	17.49	0.00	3488.12
MW - 22		03/16/06	3505.61	-	-	17.43	0.00	3488.18
MW - 22		06/15/06	3505.61	-	-	17.83	0.00	3487.78
MW - 22		09/18/06	3505.61	-	-	17.68	0.00	3487.93
MW - 22		11/30/06	3505.61	-	-	17.66	0.00	3487.95
MW - 22		02/12/07	3505.61	-	-	17.47	0.00	3488.14
MW - 22		02/19/07	3505.61	-	-	17.47	0.00	3488.14
MW - 22		02/27/07	3505.61	-	-	17.49	0.00	3488.12
MW - 22		03/05/07	3505.61	-	-	17.48	0.00	3488.13
MW - 22		03/19/07	3505.61	-	-	17.46	0.00	3488.15
MW - 22		05/22/07	3505.61	-	-	17.30	0.00	3488.31
MW - 22		08/15/07	3505.61	-	-	17.93	0.00	3487.68
MW - 22		11/06/07	3505.61	-	-	17.69	0.00	3487.92
MW - 22		02/12/08	3505.61	-	-	17.59	0.00	3488.02
MW - 22		05/13/08	3505.61	-	-	19.33	0.00	3486.28
MW - 22		08/14/08	3505.61	-	-	18.26	0.00	3487.35
MW - 22		11/12/08	3505.61	-	-	18.81	0.00	3486.80
MW - 22		02/10/09	3505.61	-	-	17.72	0.00	3487.89
MW - 22		05/12/09	3505.61	-	-	17.63	0.00	3487.98

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 22		08/10/09	3505.61	-	-	18.23	0.00	3487.38
MW - 22		11/18/09	3505.61	-	-	18.44	0.00	3487.17
MW - 22		01/04/10	3505.61	-	-	18.46	0.00	3487.15
MW - 22		02/09/10	3505.61	-	-	18.29	0.00	3487.32
MW - 22		05/12/10	3505.61	-	-	17.94	0.00	3487.67
MW - 22		08/11/10	3505.61	-	-	17.94	0.00	3487.67
MW - 22		11/11/10	3505.61	-	-	18.46	0.00	3487.15
MW - 22		02/16/11	3505.61	-	-	18.45	0.00	3487.16
MW - 22		05/19/11	3505.61	-	-	18.48	0.00	3487.13
MW - 22		08/10/11	3505.61	-	-	18.56	0.00	3487.05
MW - 22		11/14/11	3505.61	-	-	18.62	0.00	3486.99
MW - 22		02/29/12	3505.61	-	-	18.36	0.00	3487.25
MW - 22		05/02/12	3505.61	-	-	18.32	0.00	3487.29
MW - 22		12/06/12	3505.61	-	-	18.67	0.00	3486.94
MW - 22		02/13/13	3505.61	-	-	18.53	0.00	3487.08
MW - 22		05/22/13	3505.61	-	-	18.42	0.00	3487.19
MW - 22		08/12/13	3505.61	-	-	18.77	0.00	3486.84
MW - 22		11/20/13	3505.61	23.90	-	18.83	0.00	3486.78
MW - 22	John Flores	02/04/14	3506.66	-	-	18.68	0.00	3487.98
MW - 22	Jose & Chance	05/14/14	3506.66	23.79	-	18.54	0.00	3488.12
MW - 22	Manny	07/22/14	3506.66	23.79	-	19.11	0.00	3487.55
MW - 22	David	08/05/14	3506.66	23.79	-	19.20	0.00	3487.46
MW - 22	Manny	10/27/14	3506.66	23.79	-	17.98	0.00	3488.68
MW - 22	Manny	11/19/14	3506.66	23.77	-	17.93	0.00	3488.73
MW - 22	Manny/Matt	02/09/15	3506.66	-	-	18.00	0.00	3488.66
MW - 22	Manny	03/20/15	3506.66	-	-	18.00	0.00	3488.66
MW - 22	Manny	04/04/15	3506.66	-	-	17.94	0.00	3488.72
MW - 22	Manny/Arthur	05/27/15	3506.66	23.79	-	17.75	0.00	3488.91
MW - 22	Carlos	07/09/15	3506.66	-	-	17.85	0.00	3488.81
MW - 22	Manny/Arthur	08/03/15	3506.66	-	-	18.14	0.00	3488.52
MW - 22	Manny	09/24/15	3506.66	-	-	18.31	0.00	3488.35
MW - 22	Manny	11/18/15	3506.66	23.75	-	17.95	0.00	3488.71
MW - 22	Manny	01/08/16	3506.66	-	-	17.86	0.00	3488.80
MW - 22	Manny	02/23/16	3506.66	-	-	17.82	0.00	3488.84
MW - 22	Manny	04/08/16	3506.66	-	-	17.74	0.00	3488.92
MW - 22	Manny	06/06/16	3506.66	23.76	-	17.82	0.00	3488.84
MW - 22	Carlos	06/28/16	3506.66	-	-	17.99	0.00	3488.67
MW - 22	Carlos	07/27/16	3506.66	-	-	18.34	0.00	3488.32
MW - 22	Manny/ Wes	08/03/16	3506.66	-	-	18.37	0.00	3488.29
MW - 22	Manny	09/27/16	3506.66	-	-	17.03	0.00	3489.63
MW - 22	Manny	10/21/16	3506.66	-	-	17.24	0.00	3489.42
MW - 22	Manny	11/08/16	3506.66	23.70	-	17.28	0.00	3489.38
MW - 22	Manny	01/26/17	3506.66	-	-	17.32	0.00	3489.34
MW - 22	Manny	02/28/17	3506.66	-	-	17.32	0.00	3489.34
MW - 22	Wesley	03/15/17	3506.66	-	-	17.29	0.00	3489.37
MW - 22	Manny	05/23/17	3506.66	23.67	-	17.32	0.00	3489.34
MW - 22	Jeremy	07/20/17	3506.66	-	-	17.83	0.00	3488.83
MW - 22	Jeremy	08/16/17	3506.66	-	-	17.83	0.00	3488.83
MW - 22	Jeremy	09/13/17	3506.66	-	-	17.46	0.00	3489.20
MW - 22	Jeremy	10/12/17	3506.66	-	-	17.37	0.00	3489.29
MW - 22	Manny/ Jeremy	11/14/17	3506.66	23.65	-	17.39	0.00	3489.27
MW - 22	Jeremy	12/20/17	3506.66	-	-	18.37	0.00	3488.29
MW - 22	Jeremy	01/09/18	3506.66	-	-	17.35	0.00	3489.31
MW - 22	Jeremy	02/07/18	3506.66	-	-	17.34	0.00	3489.32
MW - 22	Jeremy	03/29/18	3506.66	-	-	17.31	0.00	3489.35
MW - 22	Jeremy	04/16/18	3506.66	-	-	17.28	0.00	3489.38
MW - 22	Jeremy	05/21/18	3506.66	23.59	-	17.54	0.00	3489.12
MW - 22	Jeremy	06/18/18	3506.66	-	-	17.79	0.00	3488.87
MW - 22	Jeremy	07/11/18	3506.66	-	-	17.96	0.00	3488.70
MW - 22	Jeremy/ Wesley	08/08/18	3506.66	-	-	18.16	0.00	3488.50
MW - 22	Jeremy	09/12/18	3506.66	-	-	18.07	0.00	3488.59

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 22	Jeremy	11/12/18	3506.66	23.54	-	17.80	0.00	3488.86
MW - 22	Jeremy	01/09/19	3506.66	-	-	17.68	0.00	3488.98
MW - 22	Jeremy	02/12/19	3506.66	-	-	17.64	0.00	3489.02
MW - 22	Elias	03/12/19	3506.66	-	-	17.59	0.00	3489.07
MW - 22	Elias	04/01/19	3506.66	-	-	17.54	0.00	3489.12
MW - 22	Elias	05/07/19	3506.66	23.60	-	17.50	0.00	3489.16
MW - 22	Elias	06/14/19	3506.66	-	-	17.75	0.00	3488.91
MW - 22	Elias	07/11/19	3506.66	-	-	18.02	0.00	3488.64
MW - 22	Elias	08/07/19	3506.66	-	-	18.20	0.00	3488.46
MW - 22	Elias	09/12/19	3506.66	-	-	18.30	0.00	3488.36
MW - 22	Elias	10/15/19	3506.66	-	-	18.02	0.00	3488.64
MW - 22	Elias	11/06/19	3506.66	23.54	-	17.99	0.00	3488.67
MW - 22	Elias	12/17/19	3506.66	-	-	17.82	0.00	3488.84
MW - 22	Elias	01/06/20	3506.66	-	-	17.80	0.00	3488.86
MW - 22	Elias	03/04/20	3506.66	-	-	17.74	0.00	3488.92
MW - 22	Manny	05/14/20	3506.66	-	-	17.57	0.00	3489.09
MW - 22	Manny	06/17/20	3506.66	-	-	-	-	-
MW - 22	Manny	01/21/21	P&A	-	-	-	-	-
MW - 23		06/20/02	3509.79	-	-	22.91	0.00	3486.88
MW - 23		09/26/02	3509.79	-	-	23.36	0.00	3486.43
MW - 23		11/12/02	3509.79	-	-	23.24	0.00	3486.55
MW - 23		02/12/03	3509.79	-	-	22.90	0.00	3486.89
MW - 23		05/14/03	3509.79	-	-	22.93	0.00	3486.86
MW - 23		08/21/03	3509.79	-	-	23.73	0.00	3486.06
MW - 23		12/10/03	3509.79	-	-	23.70	0.00	3486.09
MW - 23		02/11/04	3509.79	-	-	23.86	0.00	3485.93
MW - 23		05/11/04	3509.79	-	-	22.62	0.00	3487.17
MW - 23		08/25/04	3509.79	-	-	22.91	0.00	3486.88
MW - 23		12/03/04	3509.79	-	-	22.36	0.00	3487.43
MW - 23		03/08/05	3509.79	-	-	21.67	0.00	3488.12
MW - 23		06/08/05	3509.79	-	-	21.18	0.00	3488.61
MW - 23		09/15/05	3509.79	-	-	21.32	0.00	3488.47
MW - 23		12/12/05	3509.79	-	-	21.13	0.00	3488.66
MW - 23		03/16/06	3509.79	-	-	21.10	0.00	3488.69
MW - 23		06/15/06	3509.79	-	-	21.51	0.00	3488.28
MW - 23		09/18/06	3509.79	-	-	21.34	0.00	3488.45
MW - 23		09/29/06	3509.79	-	-	21.31	0.00	3488.48
MW - 23		11/30/06	3509.79	-	-	21.32	0.00	3488.47
MW - 23		02/12/07	3509.79	-	-	21.82	0.00	3487.97
MW - 23		02/19/07	3509.79	-	-	21.13	0.00	3488.66
MW - 23		02/27/07	3509.79	-	-	21.12	0.00	3488.67
MW - 23		03/05/07	3509.79	-	-	21.15	0.00	3488.64
MW - 23		03/19/07	3509.79	-	-	18.23	0.00	3491.56
MW - 23		05/22/07	3509.79	-	-	20.91	0.00	3488.88
MW - 23		08/15/07	3509.79	-	-	21.59	0.00	3488.20
MW - 23		11/06/07	3509.79	-	-	21.39	0.00	3488.40
MW - 23		02/12/08	3509.79	-	-	21.25	0.00	3488.54
MW - 23		05/13/08	3509.79	-	-	21.18	0.00	3488.61
MW - 23		08/14/08	3509.79	-	-	21.93	0.00	3487.86
MW - 23		11/12/08	3509.79	-	-	21.51	0.00	3488.28
MW - 23		02/10/09	3509.79	-	-	21.38	0.00	3488.41
MW - 23		05/12/09	3509.79	-	-	21.34	0.00	3488.45
MW - 23		08/10/09	3509.79	-	-	21.94	0.00	3487.85
MW - 23		11/18/09	3509.79	-	-	22.15	0.00	3487.64
MW - 23		01/04/10	3509.79	-	-	22.13	0.00	3487.66
MW - 23		02/09/10	3509.79	-	-	22.00	0.00	3487.79
MW - 23		05/12/10	3509.79	-	-	21.63	0.00	3488.16
MW - 23		08/11/10	3509.79	-	-	21.62	0.00	3488.17
MW - 23		11/11/10	3509.79	-	-	22.12	0.00	3487.67
MW - 23		02/16/11	3509.79	-	-	22.13	0.00	3487.66

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23		05/19/11	3509.79	-	-	22.12	0.00	3487.67
MW - 23		08/10/11	3509.79	-	-	22.27	0.00	3487.52
MW - 23		11/14/11	3509.79	-	-	22.31	0.00	3487.48
MW - 23		02/29/12	3509.79	-	-	22.06	0.00	3487.73
MW - 23		05/02/12	3509.79	-	-	22.00	0.00	3487.79
MW - 23		12/06/12	3509.79	-	-	22.35	0.00	3487.44
MW - 23		02/13/13	3509.79	-	-	22.25	0.00	3487.54
MW - 23		05/22/13	3509.79	-	-	22.13	0.00	3487.66
MW - 23		08/12/13	3509.79	-	-	22.47	0.00	3487.32
MW - 23		11/20/13	3509.79	29.78	-	22.55	0.00	3487.24
MW - 23	John Flores	02/04/14	3510.83	-	-	22.36	0.00	3488.47
MW - 23	Jose & Chance	05/14/14	3510.83	29.69	-	22.21	0.00	3488.62
MW - 23	Manny	07/22/14	3510.83	29.69	-	22.78	0.00	3488.05
MW - 23	David	08/05/14	3510.83	29.69	-	22.83	0.00	3488.00
MW - 23	Manny	10/27/14	3510.83	29.69	-	21.68	0.00	3489.15
MW - 23	Manny	11/19/14	3510.83	29.71	-	21.68	0.00	3489.15
MW - 23	Manny/Matt	02/09/15	3510.83	-	-	21.68	0.00	3489.15
MW - 23	Manny	03/20/15	3510.83	-	-	21.68	0.00	3489.15
MW - 23	Manny	04/04/15	3510.83	-	-	21.67	0.00	3489.16
MW - 23	Manny/Arthur	05/27/15	3510.83	29.71	-	21.53	0.00	3489.30
MW - 23	Carlos	07/09/15	3510.83	-	-	21.54	0.00	3489.29
MW - 23	Manny/Arthur	08/03/15	3510.83	-	-	21.84	0.00	3488.99
MW - 23	Manny	09/24/15	3510.83	-	-	22.03	0.00	3488.80
MW - 23	Manny	11/18/15	3510.83	29.71	-	21.68	0.00	3489.15
MW - 23	Manny	01/08/16	3510.83	-	-	21.58	0.00	3489.25
MW - 23	Manny	02/23/16	3510.83	-	-	21.51	0.00	3489.32
MW - 23	Manny	04/08/16	3510.83	-	-	21.44	0.00	3489.39
MW - 23	Manny	06/06/16	3510.83	29.68	-	21.49	0.00	3489.34
MW - 23	Carlos	06/28/16	3510.83	-	-	21.71	0.00	3489.12
MW - 23	Carlos	07/27/16	3510.83	-	-	22.01	0.00	3488.82
MW - 23	Manny/ Wes	08/03/16	3510.83	-	-	22.05	0.00	3488.78
MW - 23	Manny	09/27/16	3510.83	-	-	20.98	0.00	3489.85
MW - 23	Manny	10/21/16	3510.83	-	-	20.96	0.00	3489.87
MW - 23	Manny	11/09/16	3510.83	29.70	-	21.00	0.00	3489.83
MW - 23	Manny	01/26/17	3510.83	-	-	21.03	0.00	3489.80
MW - 23	Manny	02/28/17	3510.83	-	-	21.02	0.00	3489.81
MW - 23	Wesley	03/15/17	3510.83	-	-	21.00	0.00	3489.83
MW - 23	Manny	05/23/17	3510.83	29.66	-	21.03	0.00	3489.80
MW - 23	Jeremy	07/20/17	3510.83	-	-	21.54	0.00	3489.29
MW - 23	Jeremy	08/16/17	3510.83	-	-	21.40	0.00	3489.43
MW - 23	Jeremy	09/13/17	3510.83	-	-	21.23	0.00	3489.60
MW - 23	Jeremy	10/12/17	3510.83	-	-	21.17	0.00	3489.66
MW - 23	Manny / Jeremy	11/14/17	3510.83	29.67	-	21.09	0.00	3489.74
MW - 23	Jeremy	12/20/17	3510.83	-	-	21.06	0.00	3489.77
MW - 23	Jeremy	01/09/18	3510.83	-	-	21.05	0.00	3489.78
MW - 23	Jeremy	02/08/18	3510.83	-	-	21.03	0.00	3489.80
MW - 23	Jeremy	03/29/18	3510.83	-	-	20.97	0.00	3489.86
MW - 23	Jeremy	04/16/18	3510.83	-	-	20.98	0.00	3489.85
MW - 23	Jeremy	05/21/18	3510.83	29.60	-	21.22	0.00	3489.61
MW - 23	Jeremy	06/18/18	3510.83	-	-	21.49	0.00	3489.34
MW - 23	Jeremy	07/11/18	3510.83	-	-	21.64	0.00	3489.19
MW - 23	Jeremy/ Wesley	08/08/18	3510.83	-	-	22.02	0.00	3488.81
MW - 23	Jeremy	09/12/18	3510.83	-	-	21.85	0.00	3488.98
MW - 23	Jeremy	11/12/18	3510.83	29.52	-	21.52	0.00	3489.31
MW - 23	Jeremy	01/09/18	3510.83	-	-	21.39	0.00	3489.44
MW - 23	Jeremy	02/12/19	3510.83	-	-	21.36	0.00	3489.47
MW - 23	Elias	03/12/19	3510.83	-	-	21.30	0.00	3489.53
MW - 23	Elias	04/01/19	3510.83	-	-	21.26	0.00	3489.57
MW - 23	Elias	05/07/19	3510.83	29.65	-	21.20	0.00	3489.63
MW - 23	Elias	06/14/19	3510.83	-	-	21.43	0.00	3489.40
MW - 23	Elias	07/11/19	3510.83	-	-	21.71	0.00	3489.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 23	Elias	08/07/19	3510.83	-	-	21.88	0.00	3488.95
MW - 23	Elias	09/12/19	3510.83	-	-	22.00	0.00	3488.83
MW - 23	Elias	10/15/19	3510.83	-	-	21.76	0.00	3489.07
MW - 23	Elias	11/06/19	3510.83	29.52	-	21.72	0.00	3489.11
MW - 23	Elias	12/17/19	3510.83	-	-	21.53	0.00	3489.30
MW - 23	Elias	01/06/20	3510.83	-	-	21.51	0.00	3489.32
MW - 23	Elias	03/04/20	3510.83	-	-	21.43	0.00	3489.40
MW - 23	Manny	05/14/20	3510.83	-	-	21.25	0.00	3489.58
MW - 23	Manny	06/17/20	3510.83	29.39	-	21.68	0.00	3489.15
MW - 23	Manny	07/21/20	3510.83	-	-	21.95	0.00	3488.88
MW - 23	Manny	08/12/20	3510.83	-	-	22.03	0.00	3488.80
MW - 23	Manny	09/14/20	3510.83	-	-	22.13	0.00	3488.70
MW - 23	Manny	12/09/20	3510.83	29.35	-	22.26	0.00	3488.57
MW - 23	Manny	01/13/21	3510.83	-	-	22.26	0.00	3488.57
MW - 23	Manny	02/10/21	3510.83	-	-	22.21	0.00	3488.62
MW - 23	Manny	04/21/21	3510.83	-	-	22.12	0.00	3488.71
MW - 23	Manny	06/10/21	3510.83	29.34	-	22.17	0.00	3488.66
MW - 23	Manny	09/22/21	3510.83	-	-	22.37	0.00	3488.46
MW - 23	Manny	10/14/21	3510.83	-	-	22.41	0.00	3488.42
MW - 23	Manny	12/06/21	3510.83	29.31	-	22.45	0.00	3488.38
MW - 23	Manny	03/14/22	3510.83	-	-	22.42	0.00	3488.41
MW - 23	Manny	04/20/22	3510.83	-	-	22.41	0.00	3488.42
MW - 23	Manny	05/11/22	3510.83	29.34	-	22.47	0.00	3488.36
MW - 23	Manny	08/16/22	3510.83	-	-	22.90	0.00	3487.93
MW - 23	Manny	11/10/22	3510.83	29.32	-	22.69	0.00	3488.14
MW - 23	Manny	02/27/23	3510.83	-	-	22.41	0.00	3488.42
MW - 23	Manny	05/10/23	3510.83	29.27	-	22.30	0.00	3488.53
MW - 23	Manny	08/16/23	3510.83	-	-	22.95	0.00	3487.88
MW - 23	Manny	12/15/23	3510.83	29.32	-	22.63	0.00	3488.20
MW - 23	Manny	02/26/24	3510.83	29.32	-	22.45	0.00	3488.38
MW - 23	Manny	06/17/24	3510.83	29.28	-	22.86	0.00	3487.97
MW - 23	Manny	09/23/24	3510.83	-	-	23.23	0.00	3487.60
MW - 23	Manny	12/09/24	3510.83	29.25	-	23.05	0.00	3487.78
MW - 24		06/20/02	3509.68	-	-	23.18	0.00	3486.50
MW - 24		09/26/02	3509.68	-	-	23.64	0.00	3486.04
MW - 24		11/12/02	3509.68	-	-	23.50	0.00	3486.18
MW - 24		02/12/03	3509.68	-	-	23.15	0.00	3486.53
MW - 24		05/14/03	3509.68	-	-	23.16	0.00	3486.52
MW - 24		08/21/03	3509.68	-	-	24.07	0.00	3485.61
MW - 24		12/10/03	3509.68	-	-	24.01	0.00	3485.67
MW - 24		02/11/04	3509.68	-	-	24.10	0.00	3485.58
MW - 24		05/11/04	3509.68	-	-	22.90	0.00	3486.78
MW - 24		08/25/04	3509.68	-	-	23.15	0.00	3486.53
MW - 24		12/03/04	3509.68	-	-	22.62	0.00	3487.06
MW - 24		03/08/05	3509.68	-	-	21.94	0.00	3487.74
MW - 24		06/08/05	3509.68	-	-	21.45	0.00	3488.23
MW - 24		09/15/05	3509.68	-	-	21.59	0.00	3488.09
MW - 24		12/12/05	3509.68	-	-	21.42	0.00	3488.26
MW - 24		03/16/06	3509.68	-	-	21.37	0.00	3488.31
MW - 24		06/15/06	3509.68	-	-	21.77	0.00	3487.91
MW - 24		09/18/06	3509.68	-	-	21.62	0.00	3488.06
MW - 24		11/30/06	3509.68	-	-	21.52	0.00	3488.16
MW - 24		02/27/07	3509.68	-	-	21.32	0.00	3488.36
MW - 24		05/22/07	3509.68	-	-	21.00	0.00	3488.68
MW - 24		08/15/07	3509.68	-	-	21.86	0.00	3487.82
MW - 24		11/06/07	3509.68	-	-	21.64	0.00	3488.04
MW - 24		02/12/08	3509.68	-	-	21.53	0.00	3488.15
MW - 24		05/13/08	3509.68	-	-	21.46	0.00	3488.22
MW - 24		08/14/08	3509.68	-	-	22.20	0.00	3487.48
MW - 24		11/12/08	3509.68	-	-	21.81	0.00	3487.87

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24		02/10/09	3509.68	-	-	21.64	0.00	3488.04
MW - 24		05/12/09	3509.68	-	-	21.63	0.00	3488.05
MW - 24		08/10/09	3509.68	-	-	22.20	0.00	3487.48
MW - 24		11/18/09	3509.68	-	-	22.42	0.00	3487.26
MW - 24		01/04/10	3509.68	-	-	22.42	0.00	3487.26
MW - 24		02/09/10	3509.68	-	-	22.28	0.00	3487.40
MW - 24		05/12/10	3509.68	-	-	21.89	0.00	3487.79
MW - 24		08/11/10	3509.68	-	-	21.91	0.00	3487.77
MW - 24		11/11/10	3509.68	-	-	22.46	0.00	3487.22
MW - 24		02/16/11	3509.68	-	-	22.45	0.00	3487.23
MW - 24		05/19/11	3509.68	-	-	22.48	0.00	3487.20
MW - 24		08/10/11	3509.68	-	-	22.55	0.00	3487.13
MW - 24		11/14/11	3509.68	-	-	22.58	0.00	3487.10
MW - 24		02/29/12	3509.68	-	-	22.32	0.00	3487.36
MW - 24		05/02/12	3509.68	-	-	22.27	0.00	3487.41
MW - 24		12/06/12	3509.68	-	-	22.62	0.00	3487.06
MW - 24		02/13/13	3509.68	-	-	22.52	0.00	3487.16
MW - 24		05/22/13	3509.68	-	-	22.41	0.00	3487.27
MW - 24		08/12/13	3509.68	-	-	22.75	0.00	3486.93
MW - 24		11/20/13	3509.68	29.30	-	22.81	0.00	3486.87
MW - 24	John Flores	02/04/14	3510.76	-	-	22.64	0.00	3488.12
MW - 24	Jose & Chance	05/14/14	3510.76	-	-	22.49	0.00	3488.27
MW - 24	Manny	07/22/14	3510.76	-	-	23.06	0.00	3487.70
MW - 24	David	08/05/14	3510.76	-	-	23.13	0.00	3487.63
MW - 24	Manny	10/27/14	3510.76	-	-	21.98	0.00	3488.78
MW - 24	Manny	11/19/14	3510.76	29.28	-	21.94	0.00	3488.82
MW - 24	Manny	02/09/15	3510.76	-	-	21.95	0.00	3488.81
MW - 24	Manny	03/20/15	3510.76	-	-	21.95	0.00	3488.81
MW - 24	Manny	04/04/15	3510.76	-	-	21.95	0.00	3488.81
MW - 24	Manny/Arthur	05/27/15	3510.76	-	-	21.79	0.00	3488.97
MW - 24	Carlos	07/09/15	3510.76	-	-	21.83	0.00	3488.93
MW - 24	Manny/Arthur	08/03/15	3510.76	-	-	22.14	0.00	3488.62
MW - 24	Manny	09/24/15	3510.76	-	-	22.32	0.00	3488.44
MW - 24	Manny	11/18/15	3510.76	29.20	-	21.95	0.00	3488.81
MW - 24	Manny	01/08/16	3510.76	-	-	21.86	0.00	3488.90
MW - 24	Manny	02/23/16	3510.76	-	-	21.78	0.00	3488.98
MW - 24	Manny	04/08/16	3510.76	-	-	21.72	0.00	3489.04
MW - 24	Manny	06/06/16	3510.76	-	-	21.78	0.00	3488.98
MW - 24	Carlos	06/28/16	3510.76	-	-	21.99	0.00	3488.77
MW - 24	Carlos	07/27/16	3510.76	-	-	22.30	0.00	3488.46
MW - 24	Manny/ Wes	08/03/16	3510.76	-	-	22.35	0.00	3488.41
MW - 24	Manny	09/27/16	3510.76	-	-	21.19	0.00	3489.57
MW - 24	Manny	10/21/16	3510.76	-	-	21.24	0.00	3489.52
MW - 24	Manny	11/08/16	3510.76	29.20	-	21.28	0.00	3489.48
MW - 24	Manny	01/26/17	3510.76	-	-	21.30	0.00	3489.46
MW - 24	Manny	02/28/17	3510.76	-	-	21.30	0.00	3489.46
MW - 24	Wesley	03/15/17	3510.76	-	-	21.28	0.00	3489.48
MW - 24	Manny	05/23/17	3510.76	-	-	21.31	0.00	3489.45
MW - 24	Jeremy	07/20/17	3510.76	-	-	21.81	0.00	3488.95
MW - 24	Jeremy	08/16/17	3510.76	-	-	21.63	0.00	3489.13
MW - 24	Jeremy	09/13/17	3510.76	-	-	21.49	0.00	3489.27
MW - 24	Jeremy	10/12/17	3510.76	-	-	21.40	0.00	3489.36
MW - 24	Manny/ Jeremy	11/14/17	3510.76	29.19	-	21.38	0.00	3489.38
MW - 24	Jeremy	12/20/17	3510.76	-	-	21.34	0.00	3489.42
MW - 24	Jeremy	01/09/18	3510.76	-	-	21.33	0.00	3489.43
MW - 24	Jeremy	02/07/18	3510.76	-	-	21.32	0.00	3489.44
MW - 24	Jeremy	03/29/18	3510.76	-	-	21.27	0.00	3489.49
MW - 24	Jeremy	04/16/18	3510.76	-	-	21.25	0.00	3489.51
MW - 24	Jeremy	05/21/18	3510.76	-	-	21.51	0.00	3489.25
MW - 24	Jeremy	06/18/18	3510.76	-	-	21.75	0.00	3489.01
MW - 24	Jeremy	07/11/18	3510.76	-	-	21.93	0.00	3488.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 24	Jeremy/ Wesley	08/08/18	3510.76	-	-	22.12	0.00	3488.64
MW - 24	Jeremy	09/12/18	3510.76	-	-	22.08	0.00	3488.68
MW - 24	Jeremy	11/12/18	3510.76	28.95	-	21.78	0.00	3488.98
MW - 24	Jeremy	01/09/19	3510.76	-	-	21.67	0.00	3489.09
MW - 24	Jeremy	02/12/19	3510.76	-	-	21.63	0.00	3489.13
MW - 24	Elias	03/12/19	3510.76	-	-	21.58	0.00	3489.18
MW - 24	Elias	04/01/19	3510.76	-	-	21.52	0.00	3489.24
MW - 24	Elias	05/07/19	3510.76	-	-	21.48	0.00	3489.28
MW - 24	Elias	06/14/19	3510.76	-	-	21.72	0.00	3489.04
MW - 24	Elias	07/11/19	3510.76	-	-	22.00	0.00	3488.76
MW - 24	Elias	08/07/19	3510.76	-	-	22.17	0.00	3488.59
MW - 24	Elias	09/12/19	3510.76	-	-	22.27	0.00	3488.49
MW - 24	Elias	10/15/19	3510.76	-	-	22.03	0.00	3488.73
MW - 24	Elias	11/06/19	3510.76	29.00	-	21.99	0.00	3488.77
MW - 24	Elias	12/17/19	3510.76	-	-	21.80	0.00	3488.96
MW - 24	Elias	01/06/20	3510.76	-	-	21.77	0.00	3488.99
MW - 24	Elias	03/04/20	3510.76	-	-	21.71	0.00	3489.05
MW - 24	Manny	05/14/20	3510.76	-	-	21.53	0.00	3489.23
MW - 24	Manny	06/17/20	3510.76	-	-	-	-	-
MW - 24	Manny	01/21/21	P&A	-	-	-	-	-
MW - 25		06/20/02	3509.68	-	-	22.51	0.00	3487.17
MW - 25		09/26/02	3509.65	-	-	22.91	0.00	3486.74
MW - 25		11/12/02	3509.65	-	-	22.87	0.00	3486.78
MW - 25		02/12/03	3509.65	-	-	22.47	0.00	3487.18
MW - 25		05/14/03	3509.65	-	-	22.49	0.00	3487.16
MW - 25		08/21/03	3509.65	-	-	23.34	0.00	3486.31
MW - 25		12/10/03	3509.65	-	-	23.30	0.00	3486.35
MW - 25		02/11/04	3509.65	-	-	23.40	0.00	3486.25
MW - 25		05/11/04	3509.65	-	-	22.17	0.00	3487.48
MW - 25		08/25/04	3509.65	-	-	22.54	0.00	3487.11
MW - 25		12/03/04	3509.65	-	-	21.94	0.00	3487.71
MW - 25		03/08/05	3509.65	-	-	21.28	0.00	3488.37
MW - 25		06/08/05	3509.65	-	-	20.77	0.00	3488.88
MW - 25		09/15/05	3509.65	-	-	20.91	0.00	3488.74
MW - 25		12/12/05	3509.65	-	-	20.73	0.00	3488.92
MW - 25		03/16/06	3509.65	-	-	20.70	0.00	3488.95
MW - 25		06/15/06	3509.65	-	-	21.12	0.00	3488.53
MW - 25		09/18/06	3509.65	-	-	20.93	0.00	3488.72
MW - 25		11/30/06	3509.65	-	-	20.86	0.00	3488.79
MW - 25		02/27/07	3509.65	-	-	20.66	0.00	3488.99
MW - 25		05/22/07	3509.65	-	-	20.61	0.00	3489.04
MW - 25		08/15/07	3509.65	-	-	21.19	0.00	3488.46
MW - 25		11/06/07	3509.65	-	-	21.01	0.00	3488.64
MW - 25		02/12/08	3509.65	-	-	20.88	0.00	3488.77
MW - 25		05/13/08	3509.65	-	-	20.84	0.00	3488.81
MW - 25		08/14/08	3509.65	-	-	21.58	0.00	3488.07
MW - 25		11/12/08	3509.65	-	-	21.18	0.00	3488.47
MW - 25		02/10/09	3509.65	-	-	21.03	0.00	3488.62
MW - 25		05/12/09	3509.65	-	-	19.97	0.00	3489.68
MW - 25		08/10/09	3509.65	-	-	21.59	0.00	3488.06
MW - 25		11/18/09	3509.65	-	-	21.81	0.00	3487.84
MW - 25		01/04/10	3509.65	-	-	21.77	0.00	3487.88
MW - 25		02/09/10	3509.65	-	-	21.64	0.00	3488.01
MW - 25		05/12/10	3509.65	-	-	21.26	0.00	3488.39
MW - 25		08/11/10	3509.65	-	-	21.27	0.00	3488.38
MW - 25		11/11/10	3509.65	-	-	21.83	0.00	3487.82
MW - 25		02/16/11	3509.65	-	-	21.84	0.00	3487.81
MW - 25		05/19/11	3509.65	-	-	21.86	0.00	3487.79
MW - 25		08/10/11	3509.65	-	-	21.90	0.00	3487.75
MW - 25		11/14/11	3509.65	-	-	21.96	0.00	3487.69

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25		02/29/12	3509.65	-	-	21.70	0.00	3487.95
MW - 25		05/02/12	3509.65	-	-	21.63	0.00	3488.02
MW - 25		12/06/12	3509.65	-	-	21.98	0.00	3487.67
MW - 25		02/13/13	3509.65	-	-	21.88	0.00	3487.77
MW - 25		05/22/13	3509.65	-	-	21.77	0.00	3487.88
MW - 25		08/12/13	3509.65	-	-	22.09	0.00	3487.56
MW - 25		11/20/13	3509.65	29.66	-	22.13	0.00	3487.52
MW - 25	John Flores	02/04/14	3510.71	-	-	21.98	0.00	3488.73
MW - 25	Jose & Chance	05/14/14	3510.71	29.60	-	21.33	0.00	3489.38
MW - 25	Manny	07/22/14	3510.71	29.60	-	22.38	0.00	3488.33
MW - 25	David	08/05/14	3510.71	29.60	-	22.42	0.00	3488.29
MW - 25	Manny	10/27/14	3510.71	29.60	-	21.33	0.00	3489.38
MW - 25	Manny	11/19/14	3510.71	29.59	-	21.31	0.00	3489.40
MW - 25	Manny/Matt	02/09/15	3510.71	-	-	21.31	0.00	3489.40
MW - 25	Manny	03/20/15	3510.71	-	-	21.31	0.00	3489.40
MW - 25	Manny	04/04/15	3510.71	-	-	21.29	0.00	3489.42
MW - 25	Manny/Arthur	05/27/15	3510.71	29.60	-	21.18	0.00	3489.53
MW - 25	Carlos	07/09/15	3510.71	-	-	21.18	0.00	3489.53
MW - 25	Manny/Arthur	08/03/15	3510.71	-	-	21.45	0.00	3489.26
MW - 25	Manny	09/24/15	3510.71	-	-	21.66	0.00	3489.05
MW - 25	Manny	11/18/15	3510.71	29.60	-	21.31	0.00	3489.40
MW - 25	Manny	01/08/16	3510.71	-	-	21.21	0.00	3489.50
MW - 25	Manny	02/23/16	3510.71	-	-	21.15	0.00	3489.56
MW - 25	Manny	04/08/16	3510.71	-	-	21.08	0.00	3489.63
MW - 25	Manny	06/06/16	3510.71	29.51	-	21.11	0.00	3489.60
MW - 25	Carlos	06/28/16	3510.71	-	-	21.32	0.00	3489.39
MW - 25	Carlos	07/27/16	3510.71	-	-	21.62	0.00	3489.09
MW - 25	Manny/ Wes	08/03/16	3510.71	-	-	21.68	0.00	3489.03
MW - 25	Manny	09/27/16	3510.71	-	-	20.69	0.00	3490.02
MW - 25	Manny	10/21/16	3510.71	-	-	20.60	0.00	3490.11
MW - 25	Manny	11/09/16	3510.71	29.60	-	20.63	0.00	3490.08
MW - 25	Manny	01/26/17	3510.71	-	-	20.67	0.00	3490.04
MW - 25	Manny	02/28/17	3510.71	-	-	20.66	0.00	3490.05
MW - 25	Wesley	03/15/17	3510.71	-	-	20.64	0.00	3490.07
MW - 25	Manny	05/23/17	3510.71	29.53	-	20.67	0.00	3490.04
MW - 25	Jeremy	07/20/17	3510.71	-	-	21.17	0.00	3489.54
MW - 25	Jeremy	08/16/17	3510.71	-	-	21.06	0.00	3489.65
MW - 25	Jeremy	09/13/17	3510.71	-	-	20.86	0.00	3489.85
MW - 25	Jeremy	10/12/17	3510.71	-	-	20.82	0.00	3489.89
MW - 25	Manny / Jeremy	11/14/17	3510.71	29.51	-	20.74	0.00	3489.97
MW - 25	Jeremy	12/20/17	3510.71	-	-	20.70	0.00	3490.01
MW - 25	Jeremy	01/09/18	3510.71	-	-	20.68	0.00	3490.03
MW - 25	Jeremy	02/07/18	3510.71	-	-	19.67	0.00	3491.04
MW - 25	Jeremy	03/29/18	3510.71	-	-	20.63	0.00	3490.08
MW - 25	Jeremy	04/16/18	3510.71	-	-	20.60	0.00	3490.11
MW - 25	Jeremy	05/21/18	3510.71	29.43	-	20.84	0.00	3489.87
MW - 25	Jeremy	06/18/18	3510.71	-	-	21.11	0.00	3489.60
MW - 25	Jeremy	07/11/18	3510.71	-	-	21.28	0.00	3489.43
MW - 25	Jeremy/ Wesley	08/08/18	3510.71	-	-	21.44	0.00	3489.27
MW - 25	Jeremy	09/12/18	3510.71	-	-	21.49	0.00	3489.22
MW - 25	Jeremy	11/12/18	3510.71	29.41	-	21.17	0.00	3489.54
MW - 25	Jeremy	11/25/18	3510.71	-	-	21.17	0.00	3489.54
MW - 25	Jeremy	01/09/19	3510.71	-	-	21.03	0.00	3489.68
MW - 25	Jeremy	02/12/19	3510.71	-	-	20.99	0.00	3489.72
MW - 25	Elias	03/12/19	3510.71	-	-	20.94	0.00	3489.77
MW - 25	Elias	04/01/19	3510.71	-	-	20.90	0.00	3489.81
MW - 25	Elias	05/07/19	3510.71	29.42	-	20.83	0.00	3489.88
MW - 25	Elias	06/14/19	3510.71	-	-	21.05	0.00	3489.66
MW - 25	Elias	07/11/19	3510.71	-	-	21.35	0.00	3489.36
MW - 25	Elias	08/07/19	3510.71	-	-	21.51	0.00	3489.20
MW - 25	Elias	09/12/19	3510.71	-	-	21.63	0.00	3489.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 25	Elias	10/15/19	3510.71	-	-	21.42	0.00	3489.29
MW - 25	Elias	11/06/19	3510.71	29.35	-	21.36	0.00	3489.35
MW - 25	Elias	12/17/19	3510.71	-	-	21.17	0.00	3489.54
MW - 25	Elias	01/06/20	3510.71	-	-	21.15	0.00	3489.56
MW - 25	Elias	03/04/20	3510.71	-	-	21.06	0.00	3489.65
MW - 25	Manny	05/14/20	3510.71	-	-	20.89	0.00	3489.82
MW - 25	Manny	06/17/20	3510.71	29.29	-	21.30	0.00	3489.41
MW - 25	Manny	07/21/20	3510.71	-	-	21.56	0.00	3489.15
MW - 25	Manny	08/12/20	3510.71	-	-	21.66	0.00	3489.05
MW - 25	Manny	09/14/20	3510.71	-	-	21.77	0.00	3488.94
MW - 25	Manny	12/09/20	3510.71	29.27	-	21.89	0.00	3488.82
MW - 25	Manny	01/13/21	3510.71	-	-	21.90	0.00	3488.81
MW - 25	Manny	02/10/21	3510.71	-	-	21.84	0.00	3488.87
MW - 25	Manny	04/21/21	3510.71	-	-	21.75	0.00	3488.96
MW - 25	Manny	06/10/21	3510.71	29.24	-	21.80	0.00	3488.91
MW - 25	Manny	09/22/21	3510.71	-	-	22.00	0.00	3488.71
MW - 25	Manny	10/14/21	3510.71	-	-	22.03	0.00	3488.68
MW - 25	Manny	12/06/21	3510.71	29.93	-	22.07	0.00	3488.64
MW - 25	Manny	03/15/22	3510.71	29.20	-	22.05	0.00	3488.66
MW - 25	Manny	04/20/22	3510.71	-	-	22.03	0.00	3488.68
MW - 25	Manny	05/10/22	3510.71	25.70	-	22.08	0.00	3488.63
MW - 25	Manny	08/16/22	3510.71	29.07	-	22.46	0.00	3488.25
MW - 25	Manny	11/09/22	3510.71	29.00	-	22.38	0.00	3488.33
MW - 25	Manny	02/28/23	3510.71	29.07	-	22.01	0.00	3488.70
MW - 25	Manny	05/11/23	3510.71	29.01	-	21.90	0.00	3488.81
MW - 25	Manny	08/17/23	3510.71	29.04	-	22.54	0.00	3488.17
MW - 25	Manny	12/14/23	3510.71	29.02	-	22.25	0.00	3488.46
MW - 25	Manny	02/26/24	3510.71	28.96	-	22.04	0.00	3488.67
MW - 25		06/17/24	3510.71	28.98	-	22.42	0.00	3488.29
MW - 25		09/23/24	3510.71	28.92	-	22.82	0.00	3487.89
MW - 25	Manny	12/09/24	3510.71	28.91	-	22.63	0.00	3488.08
MW - 26		06/20/02	3507.49	-	-	20.12	0.00	3487.37
MW - 26		09/26/02	3507.49	-	-	20.52	0.00	3486.97
MW - 26		11/12/02	3507.49	-	-	20.44	0.00	3487.05
MW - 26		02/12/03	3507.49	-	-	20.13	0.00	3487.36
MW - 26		05/14/03	3507.49	-	-	20.18	0.00	3487.31
MW - 26		08/21/03	3507.49	-	-	20.91	0.00	3486.58
MW - 26		12/10/03	3507.49	-	-	20.86	0.00	3486.63
MW - 26		02/11/04	3507.49	-	-	21.04	0.00	3486.45
MW - 26		05/11/04	3507.49	-	-	19.80	0.00	3487.69
MW - 26		08/25/04	3507.49	-	-	20.18	0.00	3487.31
MW - 26		12/03/04	3507.49	-	-	19.51	0.00	3487.98
MW - 26		03/08/05	3507.49	-	-	18.96	0.00	3488.53
MW - 26		06/08/05	3507.49	-	-	18.51	0.00	3488.98
MW - 26		09/15/05	3507.49	-	-	18.63	0.00	3488.86
MW - 26		12/12/05	3507.49	-	-	18.47	0.00	3489.02
MW - 26		03/16/06	3507.49	-	-	18.44	0.00	3489.05
MW - 26		06/15/06	3507.49	-	-	18.80	0.00	3488.69
MW - 26		09/18/06	3507.49	-	-	18.60	0.00	3488.89
MW - 26		09/29/06	3507.49	-	-	18.61	0.00	3488.88
MW - 26		11/30/06	3507.49	-	-	18.56	0.00	3488.93
MW - 26		02/12/07	3507.49	-	-	18.42	0.00	3489.07
MW - 26		02/19/07	3507.49	-	-	18.42	0.00	3489.07
MW - 26		02/27/07	3507.49	-	-	18.42	0.00	3489.07
MW - 26		03/05/07	3507.49	-	-	18.44	0.00	3489.05
MW - 26		03/19/07	3507.49	-	-	18.40	0.00	3489.09
MW - 26		05/22/07	3507.49	-	-	18.17	0.00	3489.32
MW - 26		08/15/07	3507.49	-	-	18.88	0.00	3488.61
MW - 26		11/06/07	3507.49	-	-	18.69	0.00	3488.80
MW - 26		02/12/08	3507.49	-	-	18.55	0.00	3488.94

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26		05/13/08	3507.49	-	-	18.55	0.00	3488.94
MW - 26		08/14/08	3507.49	-	-	19.24	0.00	3488.25
MW - 26		11/12/08	3507.49	-	-	18.80	0.00	3488.69
MW - 26		02/10/09	3507.49	-	-	18.66	0.00	3488.83
MW - 26		05/12/09	3507.49	-	-	18.61	0.00	3488.88
MW - 26		08/10/09	3507.49	-	-	19.18	0.00	3488.31
MW - 26		11/18/09	3507.49	-	-	19.47	0.00	3488.02
MW - 26		01/04/10	3507.49	-	-	19.46	0.00	3488.03
MW - 26		02/09/10	3507.49	-	-	19.29	0.00	3488.20
MW - 26		05/12/10	3507.49	-	-	18.89	0.00	3488.60
MW - 26		08/11/10	3507.49	-	-	18.88	0.00	3488.61
MW - 26		11/11/10	3507.49	-	-	19.47	0.00	3488.02
MW - 26		02/16/11	3507.49	-	-	19.47	0.00	3488.02
MW - 26		05/19/11	3507.49	-	-	19.50	0.00	3487.99
MW - 26		08/10/11	3507.49	-	-	19.51	0.00	3487.98
MW - 26		11/14/11	3507.49	-	-	19.60	0.00	3487.89
MW - 26		02/29/12	3507.49	-	-	19.34	0.00	3488.15
MW - 26		05/02/12	3507.49	-	-	19.25	0.00	3488.24
MW - 26		12/06/12	3507.49	-	-	19.61	0.00	3487.88
MW - 26		02/13/13	3507.49	-	-	19.50	0.00	3487.99
MW - 26		05/22/13	3507.49	-	-	19.35	0.00	3488.14
MW - 26		08/12/13	3507.49	27.24	-	19.68	0.00	3487.81
MW - 26		11/20/13	3507.49	26.95	-	19.77	0.00	3487.72
MW - 26	John Flores	02/04/14	3508.57	27.08	-	19.60	0.00	3488.97
MW - 26	Jose & Chance	05/14/14	3508.57	26.94	-	19.44	0.00	3489.13
MW - 26	Manny	07/22/14	3508.57	26.94	-	19.98	0.00	3488.59
MW - 26	David F.	08/05/14	3508.57	27.02	-	20.04	0.00	3488.53
MW - 26	Manny	10/27/14	3508.57	27.02	-	18.85	0.00	3489.72
MW - 26	Manny	11/19/14	3508.57	27.20	-	18.93	0.00	3489.64
MW - 26	Manny/Matt	02/09/15	3508.57	27.21	-	18.93	0.00	3489.64
MW - 26	Manny	03/20/15	3508.57	-	-	18.92	0.00	3489.65
MW - 26	Manny	04/04/15	3508.57	-	-	18.90	0.00	3489.67
MW - 26	Manny/Arthur	05/27/15	3508.57	26.97	-	18.75	0.00	3489.82
MW - 26	Carlos	07/09/15	3508.57	-	-	18.72	0.00	3489.85
MW - 26	Manny/Arthur	08/03/15	3508.57	27.03	-	19.00	0.00	3489.57
MW - 26	Manny	09/24/15	3508.57	-	-	19.23	0.00	3489.34
MW - 26	Manny	11/18/15	3508.57	27.00	-	18.90	0.00	3489.67
MW - 26	Manny	01/08/16	3508.57	-	-	18.81	0.00	3489.76
MW - 26	Manny	02/23/16	3508.57	26.97	-	18.76	0.00	3489.81
MW - 26	Manny	04/08/16	3508.57	-	-	18.68	0.00	3489.89
MW - 26	Manny	06/06/16	3508.57	26.98	-	18.69	0.00	3489.88
MW - 26	Carlos	06/28/16	3508.57	-	-	18.86	0.00	3489.71
MW - 26	Carlos	07/27/16	3508.57	-	-	19.18	0.00	3489.39
MW - 26	Manny/ Wes	08/03/16	3508.57	26.91	-	19.23	0.00	3489.34
MW - 26	Manny	09/27/16	3508.57	-	-	18.10	0.00	3490.47
MW - 26	Manny	10/21/16	3508.57	-	-	18.12	0.00	3490.45
MW - 26	Manny	11/09/16	3508.57	26.89	-	18.18	0.00	3490.39
MW - 26	Manny	01/26/17	3508.57	-	-	18.28	0.00	3490.29
MW - 26	Manny	03/01/17	3508.57	26.97	-	18.24	0.00	3490.33
MW - 26	Wesley	03/15/17	3508.57	-	-	18.25	0.00	3490.32
MW - 26	Manny	05/23/17	3508.57	26.92	-	18.26	0.00	3490.31
MW - 26	Jeremy	07/20/17	3508.57	-	-	18.73	0.00	3489.84
MW - 26	Jeremy	08/16/17	3508.57	26.85	-	18.62	0.00	3489.95
MW - 26	Jeremy	09/13/17	3508.57	-	-	18.42	0.00	3490.15
MW - 26	Jeremy	10/12/17	3508.57	-	-	18.36	0.00	3490.21
MW - 26	Manny/ Jeremy	11/14/17	3508.57	26.90	-	18.37	0.00	3490.20
MW - 26	Jeremy	12/20/17	3508.57	-	-	18.32	0.00	3490.25
MW - 26	Jeremy	01/09/18	3508.57	-	-	18.30	0.00	3490.27
MW - 26	Jeremy	02/08/18	3508.57	26.85	-	18.31	0.00	3490.26
MW - 26	Jeremy	03/29/18	3508.57	-	-	18.24	0.00	3490.33
MW - 26	Jeremy	04/16/18	3508.57	-	-	18.23	0.00	3490.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 26	Jeremy	05/21/18	3508.57	26.79	-	18.40	0.00	3490.17
MW - 26	Jeremy	06/18/18	3508.57	-	-	18.67	0.00	3489.90
MW - 26	Jeremy	07/11/18	3508.57	-	-	18.83	0.00	3489.74
MW - 26	Jeremy/ Wesley	08/08/18	3508.57	26.78	-	19.01	0.00	3489.56
MW - 26	Jeremy	11/12/18	3508.57	26.79	-	18.76	0.00	3489.81
MW - 26	Jeremy	01/09/19	3508.57	-	-	18.65	0.00	3489.92
MW - 26	Jeremy	02/12/19	3508.57	26.81	-	18.62	0.00	3489.95
MW - 26	Elias	03/12/19	3508.57	-	-	18.55	0.00	3490.02
MW - 26	Elias	04/01/19	3508.57	-	-	18.50	0.00	3490.07
MW - 26	Elias	05/08/19	3508.57	26.78	-	18.42	0.00	3490.15
MW - 26	Elias	06/14/19	3508.57	-	-	18.63	0.00	3489.94
MW - 26	Elias	07/11/19	3508.57	-	-	18.92	0.00	3489.65
MW - 26	Elias	08/07/19	3508.57	26.78	-	19.07	0.00	3489.50
MW - 26	Elias	09/12/19	3508.57	-	-	19.23	0.00	3489.34
MW - 26	Elias	10/15/19	3508.57	-	-	18.99	0.00	3489.58
MW - 26	Elias	11/06/19	3508.57	26.80	-	18.97	0.00	3489.60
MW - 26	Elias	12/17/19	3508.57	-	-	18.79	0.00	3489.78
MW - 26	Elias	01/06/20	3508.57	-	-	18.76	0.00	3489.81
MW - 26	Elias	03/04/20	3508.57	26.77	-	18.69	0.00	3489.88
MW - 26	Manny	05/14/20	3508.57	-	-	18.46	0.00	3490.11
MW - 26	Manny	06/17/20	3508.57	-	-	18.84	0.00	3489.73
MW - 26	Manny	07/21/20	3508.57	-	-	19.14	0.00	3489.43
MW - 26	Manny	08/12/20	3508.57	-	-	19.27	0.00	3489.30
MW - 26	Manny	09/14/20	3508.57	-	-	19.38	0.00	3489.19
MW - 26	Manny	12/08/20	3508.57	-	-	19.55	0.00	3489.02
MW - 26	Manny	01/13/21	3508.57	-	-	19.53	0.00	3489.04
MW - 26	Manny	02/10/21	3508.57	-	-	19.48	0.00	3489.09
MW - 26	Manny	04/21/21	3508.57	-	-	19.38	0.00	3489.19
MW - 26	Manny	06/10/21	3508.57	26.75	-	19.37	0.00	3489.20
MW - 26	Manny	09/22/21	3508.57	-	-	19.61	0.00	3488.96
MW - 26	Manny	10/14/21	3508.57	-	-	19.64	0.00	3488.93
MW - 26	Manny	12/06/21	3508.57	-	-	19.71	0.00	3488.86
MW - 26	Manny	03/14/22	3508.57	-	-	19.66	0.00	3488.91
MW - 26	Manny	04/20/22	3508.57	-	-	19.64	0.00	3488.93
MW - 26	Manny	05/09/22	3508.57	-	-	19.70	0.00	3488.87
MW - 26	Manny	08/16/22	3508.57	26.77	-	20.10	0.00	3488.47
MW - 26	Manny	11/09/22	3508.57	-	-	19.96	0.00	3488.61
MW - 26	Manny	02/27/23	3508.57	-	-	19.65	0.00	3488.92
MW - 26	Manny	05/10/23	3508.57	-	-	19.51	0.00	3489.06
MW - 26	Manny	08/16/23	3508.57	-	-	20.14	0.00	3488.43
MW - 26	Manny	12/13/23	3508.57	26.78	-	19.95	0.00	3488.62
MW - 26	Manny	02/26/24	3508.57	26.78	-	19.67	0.00	3488.90
MW - 26	Manny	06/17/24	3508.57	26.78	-	20.01	0.00	3488.56
MW - 26	Manny	09/23/24	3508.57	-	-	20.49	0.00	3488.08
MW - 26	Manny	12/09/24	3508.57	26.75	-	20.28	0.00	3488.29
MW - 27		06/20/02	3507.66	-	-	20.59	0.00	3487.07
MW - 27		09/26/02	3507.66	-	-	21.80	0.00	3485.86
MW - 27		11/12/02	3507.66	-	-	20.94	0.00	3486.72
MW - 27		02/12/03	3507.66	-	-	20.58	0.00	3487.08
MW - 27		05/14/03	3507.66	-	-	21.62	0.00	3486.04
MW - 27		08/21/03	3507.66	-	-	21.44	0.00	3486.22
MW - 27		12/10/03	3507.66	-	-	21.58	0.00	3486.08
MW - 27		02/11/04	3507.66	-	-	21.53	0.00	3486.13
MW - 27		05/11/04	3507.66	-	-	20.34	0.00	3487.32
MW - 27		08/25/04	3507.66	-	-	20.59	0.00	3487.07
MW - 27		12/03/04	3507.66	-	-	20.05	0.00	3487.61
MW - 27		03/08/05	3507.66	-	-	19.43	0.00	3488.23
MW - 27		06/08/05	3507.66	-	-	18.95	0.00	3488.71
MW - 27		09/15/05	3507.66	-	-	19.08	0.00	3488.58
MW - 27		12/12/05	3507.66	-	-	18.92	0.00	3488.74

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 27		03/16/06	3507.66	-	-	18.88	0.00	3488.78
MW - 27		06/15/06	3507.66	-	-	19.24	0.00	3488.42
MW - 27		09/18/06	3507.66	-	-	19.04	0.00	3488.62
MW - 27		11/30/06	3507.66	-	-	19.05	0.00	3488.61
MW - 27		02/27/07	3507.66	-	-	18.85	0.00	3488.81
MW - 27		05/22/07	3507.66	-	-	18.74	0.00	3488.92
MW - 27		08/15/07	3507.66	-	-	19.24	0.00	3488.42
MW - 27		11/06/07	3507.66	-	-	19.11	0.00	3488.55
MW - 27		02/12/08	3507.66	-	-	18.97	0.00	3488.69
MW - 27		05/13/08	3507.66	-	-	20.05	0.00	3487.61
MW - 27		08/14/08	3507.66	-	-	19.64	0.00	3488.02
MW - 27		11/12/08	3507.66	-	-	19.24	0.00	3488.42
MW - 27		02/10/09	3507.66	-	-	19.12	0.00	3488.54
MW - 27		05/12/09	3507.66	-	-	19.04	0.00	3488.62
MW - 27		08/10/09	3507.66	-	-	19.63	0.00	3488.03
MW - 27		11/18/09	3507.66	-	-	19.90	0.00	3487.76
MW - 27		01/04/10	3507.66	-	-	19.87	0.00	3487.79
MW - 27		02/09/10	3507.66	-	-	19.73	0.00	3487.93
MW - 27		05/12/10	3507.66	-	-	19.33	0.00	3488.33
MW - 27		08/11/10	3507.66	-	-	19.33	0.00	3488.33
MW - 27		11/11/10	3507.66	-	-	19.89	0.00	3487.77
MW - 27		02/16/11	3507.66	-	-	19.91	0.00	3487.75
MW - 27		05/19/11	3507.66	-	-	19.94	0.00	3487.72
MW - 27		08/10/11	3507.66	-	-	19.96	0.00	3487.70
MW - 27		11/14/11	3507.66	-	-	20.04	0.00	3487.62
MW - 27		02/29/12	3507.66	-	-	19.78	0.00	3487.88
MW - 27		05/02/12	3507.66	-	-	19.70	0.00	3487.96
MW - 27		12/06/12	3507.66	-	-	20.07	0.00	3487.59
MW - 27		02/13/13	3507.66	-	-	19.95	0.00	3487.71
MW - 27		05/22/13	3507.66	-	-	19.81	0.00	3487.85
MW - 27		08/12/13	3507.66	-	-	20.23	0.00	3487.43
MW - 27		11/20/13	3507.66	28.64	-	20.24	0.00	3487.42
MW - 27	John Flores	02/04/14	3508.73	-	-	20.06	0.00	3488.67
MW - 27	Jose & Chance	05/14/14	3508.73	28.56	-	19.00	0.00	3489.73
MW - 27	Manny	07/22/14	3508.73	28.56	-	20.46	0.00	3488.27
MW - 27	David	08/05/14	3508.73	-	-	20.52	0.00	3488.21
MW - 27	Manny	10/27/14	3508.73	-	-	19.31	0.00	3489.42
MW - 27	Manny	11/19/14	3508.73	28.62	-	19.28	0.00	3489.45
MW - 27	Manny/Matt	02/09/15	3508.73	-	-	19.38	0.00	3489.35
MW - 27	Manny	03/20/15	3508.73	-	-	19.38	0.00	3489.35
MW - 27	Manny	04/04/15	3508.73	-	-	19.35	0.00	3489.38
MW - 27	Manny/Arthur	05/27/15	3508.73	28.68	-	19.17	0.00	3489.56
MW - 27	Carlos	07/09/15	3508.73	-	-	19.16	0.00	3489.57
MW - 27	Manny/Arthur	08/03/15	3508.73	-	-	19.46	0.00	3489.27
MW - 27	Manny	09/24/15	3508.73	-	-	19.69	0.00	3489.04
MW - 27	Manny	11/18/15	3508.73	28.62	-	19.34	0.00	3489.39
MW - 27	Manny	01/08/16	3508.73	-	-	19.26	0.00	3489.47
MW - 27	Manny	02/23/16	3508.73	-	-	19.19	0.00	3489.54
MW - 27	Manny	04/08/16	3508.73	-	-	19.12	0.00	3489.61
MW - 27	Manny	06/06/16	3508.73	28.69	-	19.15	0.00	3489.58
MW - 27	Carlos	06/28/16	3508.73	-	-	19.31	0.00	3489.42
MW - 27	Carlos	07/27/16	3508.73	-	-	19.63	0.00	3489.10
MW - 27	Manny/ Wes	08/03/16	3508.73	-	-	19.70	0.00	3489.03
MW - 27	Manny	09/27/16	3508.73	-	-	18.46	0.00	3490.27
MW - 27	Manny	10/21/16	3508.73	-	-	18.55	0.00	3490.18
MW - 27	Manny	11/09/16	3508.73	28.62	-	18.63	0.00	3490.10
MW - 27	Manny	01/26/17	3508.73	-	-	18.72	0.00	3490.01
MW - 27	Manny	02/28/17	3508.73	-	-	18.70	0.00	3490.03
MW - 27	Wesley	03/15/17	3508.73	-	-	18.68	0.00	3490.05
MW - 27	Manny	05/23/17	3508.73	28.56	-	18.69	0.00	3490.04
MW - 27	Jeremy	07/20/17	3508.73	-	-	19.16	0.00	3489.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 27	Jeremy	08/16/17	3508.73	-	-	19.01	0.00	3489.72
MW - 27	Jeremy	09/13/17	3508.73	-	-	18.86	0.00	3489.87
MW - 27	Jeremy	10/12/17	3508.73	-	-	18.78	0.00	3489.95
MW - 27	Manny/ Jeremy	11/14/17	3508.73	28.54	-	18.77	0.00	3489.96
MW - 27	Jeremy	12/20/17	3508.73	-	-	18.75	0.00	3489.98
MW - 27	Jeremy	01/09/18	3508.73	-	-	18.74	0.00	3489.99
MW - 27	Jeremy	02/07/18	3508.73	-	-	18.73	0.00	3490.00
MW - 27	Jeremy	03/29/18	3508.73	-	-	19.66	0.00	3489.07
MW - 27	Jeremy	04/16/18	3508.73	-	-	18.64	0.00	3490.09
MW - 27	Jeremy	05/21/18	3508.73	28.48	-	18.86	0.00	3489.87
MW - 27	Jeremy	06/18/18	3508.73	-	-	19.11	0.00	3489.62
MW - 27	Jeremy	07/11/18	3508.73	-	-	19.26	0.00	3489.47
MW - 27	Jeremy	08/08/18	3508.73	-	-	19.44	0.00	3489.29
MW - 27	Jeremy	09/12/18	3508.73	-	-	19.50	0.00	3489.23
MW - 27	Jeremy	11/12/18	3508.73	28.41	-	19.12	0.00	3489.61
MW - 27	Jeremy	01/09/19	3508.73	-	-	19.08	0.00	3489.65
MW - 27	Jeremy	02/12/19	3508.73	-	-	19.03	0.00	3489.70
MW - 27	Elias	03/12/19	3508.73	-	-	18.97	0.00	3489.76
MW - 27	Elias	04/01/19	3508.73	-	-	18.93	0.00	3489.80
MW - 27	Elias	05/07/19	3508.73	28.52	-	18.86	0.00	3489.87
MW - 27	Elias	06/14/19	3508.73	-	-	19.08	0.00	3489.65
MW - 27	Elias	07/11/19	3508.73	-	-	19.37	0.00	3489.36
MW - 27	Elias	08/07/19	3508.73	-	-	19.52	0.00	3489.21
MW - 27	Elias	09/12/19	3508.73	-	-	19.67	0.00	3489.06
MW - 27	Elias	10/15/19	3508.73	-	-	19.41	0.00	3489.32
MW - 27	Elias	11/06/19	3508.73	28.34	-	19.40	0.00	3489.33
MW - 27	Elias	12/17/19	3508.73	-	-	19.22	0.00	3489.51
MW - 27	Elias	01/06/20	3508.73	-	-	19.20	0.00	3489.53
MW - 27	Elias	03/04/20	3508.73	-	-	19.12	0.00	3489.61
MW - 27	Manny	05/14/20	3508.73	-	-	18.91	0.00	3489.82
MW - 27	Manny	06/17/20	3508.73	28.43	-	19.30	0.00	3489.43
MW - 27	Manny	07/21/20	3508.73	-	-	19.66	0.00	3489.07
MW - 27	Manny	08/12/20	3508.73	-	-	19.72	0.00	3489.01
MW - 27	Manny	09/14/20	3508.73	-	-	19.84	0.00	3488.89
MW - 27	Manny	12/09/20	3508.73	28.38	-	19.99	0.00	3488.74
MW - 27	Manny	01/13/21	3508.73	-	-	19.99	0.00	3488.74
MW - 27	Manny	02/10/21	3508.73	-	-	19.92	0.00	3488.81
MW - 27	Manny	04/21/21	3508.73	-	-	19.83	0.00	3488.90
MW - 27	Manny	06/10/21	3508.73	28.39	-	19.84	0.00	3488.89
MW - 27	Manny	09/22/21	3508.73	-	-	20.05	0.00	3488.68
MW - 27	Manny	10/14/21	3508.73	-	-	20.09	0.00	3488.64
MW - 27	Manny	12/06/21	3508.73	28.40	-	20.16	0.00	3488.57
MW - 27	Manny	03/14/22	3508.73	-	-	20.12	0.00	3488.61
MW - 27	Manny	04/20/22	3508.73	-	-	20.10	0.00	3488.63
MW - 27	Manny	05/11/22	3508.73	28.50	-	20.16	0.00	3488.57
MW - 27	Manny	08/16/22	3508.73	-	-	20.58	0.00	3488.15
MW - 27	Manny	11/10/22	3508.73	28.49	-	20.38	0.00	3488.35
MW - 27	Manny	02/27/23	3508.73	-	-	20.12	0.00	3488.61
MW - 27	Manny	05/10/23	3508.73	28.45	-	20.00	0.00	3488.73
MW - 27	Manny	08/16/23	3508.73	-	-	20.62	0.00	3488.11
MW - 27	Manny	12/15/23	3508.73	28.43	-	20.32	0.00	3488.41
MW - 27	Manny	02/26/24	3508.73	28.43	-	20.15	0.00	3488.58
MW - 27	Manny	06/17/24	3508.73	28.33	-	20.52	0.00	3488.21
MW - 27	Manny	09/23/24	3508.73	-	-	20.93	0.00	3487.80
MW - 27	Manny	12/09/24	3508.73	28.28	-	20.75	0.00	3487.98
MW - 28		06/20/02	3508.37	-	-	20.98	0.00	3487.39
MW - 28		09/26/02	3508.37	-	-	21.42	0.00	3486.95
MW - 28		11/12/02	3508.37	-	-	21.35	0.00	3487.02
MW - 28		02/12/03	3508.37	-	-	20.86	0.00	3487.51
MW - 28		05/14/03	3508.37	-	-	21.19	0.00	3487.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28		08/21/03	3508.37	-	-	21.86	0.00	3486.51
MW - 28		12/10/03	3508.37	-	-	21.83	0.00	3486.54
MW - 28		02/11/04	3508.37	-	-	21.92	0.00	3486.45
MW - 28		05/11/04	3508.37	-	-	19.75	0.00	3488.62
MW - 28		08/25/04	3508.37	-	-	21.07	0.00	3487.30
MW - 28		12/03/04	3508.37	-	-	20.41	0.00	3487.96
MW - 28		03/08/05	3508.37	-	-	19.89	0.00	3488.48
MW - 28		06/08/05	3508.37	-	-	19.41	0.00	3488.96
MW - 28		09/15/05	3508.37	-	-	19.54	0.00	3488.83
MW - 28		12/12/05	3508.37	-	-	19.40	0.00	3488.97
MW - 28		03/16/06	3508.37	-	-	19.35	0.00	3489.02
MW - 28		06/15/06	3508.37	-	-	19.69	0.00	3488.68
MW - 28		09/18/06	3508.37	-	-	19.51	0.00	3488.86
MW - 28		11/30/06	3508.37	-	-	19.46	0.00	3488.91
MW - 28		02/27/07	3508.37	-	-	19.33	0.00	3489.04
MW - 28		05/22/07	3508.37	-	-	19.18	0.00	3489.19
MW - 28		08/15/07	3508.37	-	-	19.76	0.00	3488.61
MW - 28		11/06/07	3508.37	-	-	19.59	0.00	3488.78
MW - 28		02/12/08	3508.37	-	-	19.44	0.00	3488.93
MW - 28		05/13/08	3508.37	-	-	19.40	0.00	3488.97
MW - 28		08/14/08	3508.37	-	-	20.12	0.00	3488.25
MW - 28		11/12/08	3508.37	-	-	19.70	0.00	3488.67
MW - 28		02/10/09	3508.37	-	-	19.56	0.00	3488.81
MW - 28		05/12/09	3508.37	-	-	19.49	0.00	3488.88
MW - 28		08/10/09	3508.37	-	-	20.04	0.00	3488.33
MW - 28		11/18/09	3508.37	-	-	20.36	0.00	3488.01
MW - 28		01/04/10	3508.37	-	-	20.31	0.00	3488.06
MW - 28		02/09/10	3508.37	-	-	20.17	0.00	3488.20
MW - 28		05/12/10	3508.37	-	-	19.79	0.00	3488.58
MW - 28		08/11/10	3508.37	-	-	19.78	0.00	3488.59
MW - 28		11/11/10	3508.37	-	-	20.34	0.00	3488.03
MW - 28		02/16/11	3508.37	-	-	20.36	0.00	3488.01
MW - 28		05/19/11	3508.37	-	-	20.36	0.00	3488.01
MW - 28		08/10/11	3508.37	-	-	20.36	0.00	3488.01
MW - 28		11/14/11	3508.37	-	-	20.46	0.00	3487.91
MW - 28		02/29/12	3508.37	-	-	20.20	0.00	3488.17
MW - 28		05/02/12	3508.37	-	-	20.11	0.00	3488.26
MW - 28		12/06/12	3508.37	-	-	20.48	0.00	3487.89
MW - 28		02/13/13	3508.37	-	-	20.37	0.00	3488.00
MW - 28		05/22/13	3508.37	-	-	20.21	0.00	3488.16
MW - 28		08/12/13	3508.37	-	-	20.54	0.00	3487.83
MW - 28		11/20/13	3508.37	-	-	20.65	0.00	3487.72
MW - 28	John Flores	02/04/14	3509.44	-	-	20.46	0.00	3488.98
MW - 28	Jose & Chance	05/14/14	3509.44	-	-	20.29	0.00	3489.15
MW - 28	Manny	07/22/14	3509.44	-	-	20.85	0.00	3488.59
MW - 28	David	08/05/14	3509.44	-	-	20.91	0.00	3488.53
MW - 28	Manny	10/27/14	3509.44	-	-	19.71	0.00	3489.73
MW - 28	Manny	11/19/14	3509.44	-	-	19.68	0.00	3489.76
MW - 28	Manny/Matt	02/09/15	3509.44	-	-	19.79	0.00	3489.65
MW - 28	Manny	03/20/15	3509.44	-	-	19.80	0.00	3489.64
MW - 28	Manny	04/04/15	3509.44	-	-	19.77	0.00	3489.67
MW - 28	Manny/Arthur	05/27/15	3509.44	-	-	19.60	0.00	3489.84
MW - 28	Carlos	07/09/15	3509.44	-	-	19.59	0.00	3489.85
MW - 28	Manny/Arthur	08/03/15	3509.44	-	-	19.85	0.00	3489.59
MW - 28	Manny	09/24/15	3509.44	-	-	20.09	0.00	3489.35
MW - 28	Manny	11/18/15	3509.44	30.62	-	19.76	0.00	3489.68
MW - 28	Manny	01/08/16	3509.44	-	-	19.67	0.00	3489.77
MW - 28	Manny	02/23/16	3509.44	-	-	19.62	0.00	3489.82
MW - 28	Manny	04/08/16	3509.44	-	-	19.54	0.00	3489.90
MW - 28	Manny	06/06/16	3509.44	-	-	19.55	0.00	3489.89
MW - 28	Carlos	06/28/16	3509.44	-	-	19.72	0.00	3489.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28	Carlos	07/27/16	3509.44	-	-	20.04	0.00	3489.40
MW - 28	Manny/ Wes	08/03/16	3509.44	-	-	20.08	0.00	3489.36
MW - 28	Manny	09/27/16	3509.44	-	-	18.92	0.00	3490.52
MW - 28	Manny	10/21/16	3509.44	-	-	18.98	0.00	3490.46
MW - 28	Manny	11/08/16	3509.44	30.50	-	19.05	0.00	3490.39
MW - 28	Manny	01/26/17	3509.44	-	-	19.15	0.00	3490.29
MW - 28	Manny	02/28/17	3509.44	-	-	19.14	0.00	3490.30
MW - 28	Wesley	03/15/17	3509.44	-	-	19.11	0.00	3490.33
MW - 28	Manny	05/23/17	3509.44	-	-	19.10	0.00	3490.34
MW - 28	Jeremy	07/20/17	3509.44	-	-	19.57	0.00	3489.87
MW - 28	Jeremy	08/16/17	3509.44	-	-	19.44	0.00	3490.00
MW - 28	Jeremy	09/13/17	3509.44	-	-	19.27	0.00	3490.17
MW - 28	Jeremy	10/12/17	3509.44	-	-	19.22	0.00	3490.22
MW - 28	Manny/ Jeremy	11/14/17	3509.44	30.30	-	19.21	0.00	3490.23
MW - 28	Jeremy	12/20/17	3509.44	-	-	19.19	0.00	3490.25
MW - 28	Jeremy	01/09/18	3509.44	-	-	19.16	0.00	3490.28
MW - 28	Jeremy	02/07/18	3509.44	-	-	19.16	0.00	3490.28
MW - 28	Jeremy	03/29/18	3509.44	-	-	19.11	0.00	3490.33
MW - 28	Jeremy	04/16/18	3509.44	-	-	19.09	0.00	3490.35
MW - 28	Jeremy	05/21/18	3509.44	-	-	19.24	0.00	3490.20
MW - 28	Jeremy	06/18/18	3509.44	-	-	19.52	0.00	3489.92
MW - 28	Jeremy	07/11/18	3509.44	-	-	19.68	0.00	3489.76
MW - 28	Jeremy/ Wesley	08/08/18	3509.44	-	-	19.86	0.00	3489.58
MW - 28	Jeremy	09/12/18	3509.44	-	-	19.95	0.00	3489.49
MW - 28	Jeremy	11/12/18	3509.44	30.18	-	19.63	0.00	3489.81
MW - 28	Jeremy	11/12/18	3509.44	-	-	19.52	0.00	3489.92
MW - 28	Jeremy	01/09/19	3509.44	-	-	19.52	0.00	3489.92
MW - 28	Jeremy	02/12/19	3509.44	-	-	19.49	0.00	3489.95
MW - 28	Elias	03/12/19	3509.44	-	-	19.42	0.00	3490.02
MW - 28	Elias	04/01/19	3509.44	-	-	19.36	0.00	3490.08
MW - 28	Elias	05/07/19	3509.44	-	-	19.29	0.00	3490.15
MW - 28	Elias	06/14/19	3509.44	-	-	19.48	0.00	3489.96
MW - 28	Elias	07/11/19	3509.44	-	-	19.77	0.00	3489.67
MW - 28	Elias	08/07/19	3509.44	-	-	19.91	0.00	3489.53
MW - 28	Elias	09/12/19	3509.44	-	-	20.08	0.00	3489.36
MW - 28	Elias	10/15/19	3509.44	-	-	19.81	0.00	3489.63
MW - 28	Elias	11/06/19	3509.44	30.38	-	19.82	0.00	3489.62
MW - 28	Elias	12/17/19	3509.44	-	-	19.65	0.00	3489.79
MW - 28	Elias	01/06/20	3509.44	-	-	19.62	0.00	3489.82
MW - 28	Elias	03/04/20	3509.44	-	-	19.55	0.00	3489.89
MW - 28	Manny	05/14/20	3509.44	-	-	19.32	0.00	3490.12
MW - 28	Manny	06/17/20	3509.44	-	-	19.68	0.00	3489.76
MW - 28	Manny	07/21/20	3509.44	-	-	19.99	0.00	3489.45
MW - 28	Manny	08/13/20	3509.44	-	-	20.11	0.00	3489.33
MW - 28	Manny	09/14/20	3509.44	-	-	20.23	0.00	3489.21
MW - 28	Manny	12/09/20	3509.44	30.30	-	20.41	0.00	3489.03
MW - 28	Manny	01/13/21	3509.44	-	-	20.39	0.00	3489.05
MW - 28	Manny	02/10/21	3509.44	-	-	20.33	0.00	3489.11
MW - 28	Manny	04/21/21	3509.44	-	-	20.23	0.00	3489.21
MW - 28	Manny	06/09/21	3509.44	-	-	20.21	0.00	3489.23
MW - 28	Manny	09/22/21	3509.44	-	-	20.44	0.00	3489.00
MW - 28	Manny	10/14/21	3509.44	-	-	20.48	0.00	3488.96
MW - 28	Manny	12/06/21	3509.44	30.24	-	20.56	0.00	3488.88
MW - 28	Manny	03/14/22	3509.44	-	-	20.52	0.00	3488.92
MW - 28	Manny	04/20/22	3509.44	-	-	20.50	0.00	3488.94
MW - 28	Manny	05/09/22	3509.44	-	-	20.55	0.00	3488.89
MW - 28	Manny	08/16/22	3509.44	-	-	20.96	0.00	3488.48
MW - 28	Manny	11/10/22	3509.44	30.22	-	20.82	0.00	3488.62
MW - 28	Manny	02/27/23	3509.44	-	-	20.60	0.00	3488.84
MW - 28	Manny	05/10/23	3509.44	-	-	20.36	0.00	3489.08
MW - 28	Manny	08/16/23	3509.44	-	-	20.97	0.00	3488.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
MW - 28	Manny	12/15/23	3509.44	30.25	-	20.77	0.00	3488.67
MW - 28	Manny	02/26/24	3509.44	30.25	-	20.54	0.00	3488.90
MW - 28	Manny	06/17/24	3509.44	30.25	-	20.88	0.00	3488.56
MW - 28	Manny	09/23/24	3509.44	-	-	21.31	0.00	3488.13
MW - 28	Manny	12/09/24	3509.44	30.30	-	21.14	0.00	3488.30
RW - 1		11/06/02	3507.27	-	20.20	20.82	0.62	3486.98
RW - 1		11/12/02	3507.27	-	20.06	20.26	0.20	3487.18
RW - 1		01/07/03	3507.27	-	19.62	21.18	1.56	3487.42
RW - 1		01/27/03	3507.27	-	19.65	20.35	0.70	3487.52
RW - 1		02/26/03	3507.27	-	19.62	20.22	0.60	3487.56
RW - 1		03/11/03	3507.27	-	19.69	20.55	0.86	3487.45
RW - 1		03/19/03	3507.27	-	19.65	20.70	1.05	3487.46
RW - 1		03/25/03	3507.27	-	19.55	20.71	1.16	3487.55
RW - 1		04/16/03	3507.27	-	19.70	20.28	0.58	3487.48
RW - 1		04/23/03	3507.27	-	19.53	20.39	0.86	3487.61
RW - 1		04/29/03	3507.27	-	19.55	20.45	0.90	3487.59
RW - 1		05/14/03	3507.27	-	19.74	20.24	0.50	3487.46
RW - 1		05/20/03	3507.27	-	20.12	20.41	0.29	3487.11
RW - 1		05/27/03	3507.27	-	19.93	20.12	0.19	3487.31
RW - 1		06/04/03	3507.27	-	19.81	20.40	0.59	3487.37
RW - 1		06/26/03	3507.27	-	19.51	20.22	0.71	3487.65
RW - 1		07/07/03	3507.27	-	20.22	21.21	0.99	3486.90
RW - 1		07/30/03	3507.27	-	20.33	20.63	0.30	3486.90
RW - 1		08/06/03	3507.27	-	20.56	20.89	0.33	3486.66
RW - 1		08/21/03	3507.27	-	20.77	21.02	0.25	3486.46
RW - 1		08/27/03	3507.27	-	21.02	21.06	0.04	3486.24
RW - 1		09/08/03	3507.27	-	20.68	20.99	0.31	3486.54
RW - 1		09/15/03	3507.27	-	20.62	20.96	0.34	3486.60
RW - 1		09/24/03	3507.27	-	21.09	21.12	0.03	3486.18
RW - 1		10/02/03	3507.27	-	20.86	20.92	0.06	3486.40
RW - 1		10/08/03	3507.27	-	20.75	20.80	0.05	3486.51
RW - 1		10/16/03	3507.27	-	21.07	21.10	0.03	3486.20
RW - 1		10/28/03	3507.27	-	21.14	21.16	0.02	3486.13
RW - 1		11/11/03	3507.27	-	-	21.21	0.00	3486.06
RW - 1		11/18/03	3507.27	-	21.03	21.04	0.01	3486.24
RW - 1		12/10/03	3507.27	-	20.73	20.98	0.25	3486.50
RW - 1		02/02/04	3507.27	-	21.20	21.26	0.06	3486.06
RW - 1		02/26/04	3507.27	-	20.68	20.80	0.12	3486.57
RW - 1		03/16/04	3507.27	-	20.89	21.31	0.42	3486.32
RW - 1		03/19/04	3507.27	-	20.81	21.14	0.33	3486.41
RW - 1		03/25/04	3507.27	-	20.85	21.35	0.50	3486.35
RW - 1		04/01/04	3507.27	-	20.77	21.36	0.59	3486.41
RW - 1		04/08/04	3507.27	-	20.73	21.20	0.47	3486.47
RW - 1		04/14/04	3507.27	-	19.88	20.39	0.51	3487.31
RW - 1		04/16/04	3507.27	-	20.04	20.48	0.44	3487.16
RW - 1		04/22/04	3507.27	-	19.29	19.71	0.42	3487.92
RW - 1		04/29/04	3507.27	-	19.32	19.84	0.52	3487.87
RW - 1		05/11/04	3507.27	-	19.84	19.87	0.03	3487.43
RW - 1		08/04/04	3507.27	-	-	-	-	-
RW - 1		08/10/04	3507.27	-	-	-	-	-
RW - 1		08/16/04	3507.27	-	-	-	-	-
RW - 1		08/23/04	3507.27	-	-	-	-	-
RW - 1		08/25/04	3507.27	-	-	-	-	-
RW - 1		12/03/04	3507.27	-	-	-	-	-
RW - 1		03/08/05	3507.27	-	18.04	18.80	0.76	3489.12
RW - 1		06/08/05	3507.27	-	-	-	-	-
RW - 1		09/15/05	3507.27	-	17.78	19.10	1.32	3489.29
RW - 1		12/12/05	3507.27	-	17.64	21.64	4.00	3489.03
RW - 1		03/16/06	3507.27	-	17.66	21.08	3.42	3489.10
RW - 1		03/28/06	3507.27	-	17.90	18.98	1.08	3489.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		04/03/06	3507.27	-	17.85	18.89	1.04	3489.26
RW - 1		04/10/06	3507.27	-	17.84	18.34	0.50	3489.36
RW - 1		04/17/06	3507.27	-	17.86	18.18	0.32	3489.36
RW - 1		05/01/06	3507.27	-	17.87	18.06	0.19	3489.37
RW - 1		05/08/06	3507.27	-	17.89	18.16	0.27	3489.34
RW - 1		05/15/06	3507.27	-	17.93	18.40	0.47	3489.27
RW - 1		06/05/06	3507.27	-	18.16	18.54	0.38	3489.05
RW - 1		06/12/06	3507.27	-	18.34	18.61	0.27	3488.89
RW - 1		06/15/06	3507.27	-	18.32	18.47	0.15	3488.93
RW - 1		06/19/06	3507.27	-	18.48	18.71	0.23	3488.76
RW - 1		07/03/06	3507.27	-	sheen	18.65	0.00	3488.62
RW - 1		07/10/06	3507.27	-	18.49	18.68	0.19	3488.75
RW - 1		07/17/06	3507.27	-	18.35	18.47	0.12	3488.90
RW - 1		07/26/06	3507.27	-	18.42	18.65	0.23	3488.82
RW - 1		07/31/06	3507.27	-	18.51	18.69	0.18	3488.73
RW - 1		08/07/06	3507.27	-	18.52	18.71	0.19	3488.72
RW - 1		08/17/06	3507.27	-	18.44	18.58	0.14	3488.81
RW - 1		08/21/06	3507.27	-	18.35	18.52	0.17	3488.89
RW - 1		09/06/06	3507.27	-	18.10	18.44	0.34	3489.12
RW - 1		09/11/06	3507.27	-	18.13	18.46	0.33	3489.09
RW - 1		09/18/06	3507.27	-	18.07	18.53	0.46	3489.13
RW - 1		09/25/06	3507.27	-	18.04	18.78	0.74	3489.12
RW - 1		10/02/06	3507.27	-	18.00	18.72	0.72	3489.16
RW - 1		10/09/06	3507.27	-	18.07	18.84	0.77	3489.08
RW - 1		10/17/06	3507.27	-	18.10	18.97	0.87	3489.04
RW - 1		10/23/06	3507.27	-	18.04	18.08	0.04	3489.22
RW - 1		10/30/06	3507.27	-	18.02	18.06	0.04	3489.24
RW - 1		11/06/06	3507.27	-	18.12	18.71	0.59	3489.06
RW - 1		11/13/06	3507.27	-	18.15	18.46	0.31	3489.07
RW - 1		11/20/06	3507.27	-	18.13	18.34	0.21	3489.11
RW - 1		11/27/06	3507.27	-	18.13	18.43	0.30	3489.10
RW - 1		11/30/06	3507.27	-	18.10	18.26	0.16	3489.15
RW - 1		12/04/06	3507.27	-	18.08	18.46	0.38	3489.13
RW - 1		12/12/06	3507.27	-	18.16	18.49	0.33	3489.06
RW - 1		12/18/06	3507.27	-	18.05	18.27	0.22	3489.19
RW - 1		01/02/07	3507.27	-	18.05	18.30	0.25	3489.18
RW - 1		01/11/07	3507.27	-	18.02	18.16	0.14	3489.23
RW - 1		01/18/07	3507.27	-	18.00	18.25	0.25	3489.23
RW - 1		01/22/07	3507.27	-	17.99	18.28	0.29	3489.24
RW - 1		02/05/07	3507.27	-	18.01	18.16	0.15	3489.24
RW - 1		02/12/07	3507.27	-	17.92	18.05	0.13	3489.33
RW - 1		02/19/07	3507.27	-	17.93	18.07	0.14	3489.32
RW - 1		02/27/07	3507.27	-	17.32	17.87	0.55	3489.87
RW - 1		03/05/07	3507.27	-	18.02	18.41	0.39	3489.19
RW - 1		03/12/07	3507.27	-	18.00	18.07	0.07	3489.26
RW - 1		03/19/07	3507.27	-	17.92	18.32	0.40	3489.29
RW - 1		04/02/07	3507.27	-	17.94	18.15	0.21	3489.30
RW - 1		04/09/07	3507.27	-	17.87	17.99	0.12	3489.38
RW - 1		05/01/07	3507.27	-	17.86	18.11	0.25	3489.37
RW - 1		05/12/07	3507.27	-	17.86	18.11	0.25	3489.37
RW - 1		05/17/07	3507.27	-	17.74	17.91	0.17	3489.50
RW - 1		05/21/07	3507.27	-	17.72	17.90	0.18	3489.52
RW - 1		05/22/07	3507.27	-	17.72	17.90	0.18	3489.52
RW - 1		06/01/07	3507.27	-	17.71	17.91	0.20	3489.53
RW - 1		06/06/07	3507.27	-	17.73	17.97	0.24	3489.50
RW - 1		06/11/07	3507.27	-	17.81	17.98	0.17	3489.43
RW - 1		06/19/07	3507.27	-	17.85	18.04	0.19	3489.39
RW - 1		06/25/07	3507.27	-	17.93	18.06	0.13	3489.32
RW - 1		07/03/07	3507.27	-	18.00	18.24	0.24	3489.23
RW - 1		07/18/07	3507.27	-	18.18	18.30	0.12	3489.07
RW - 1		07/23/07	3507.27	-	18.24	18.39	0.15	3489.01

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

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TNM 97- 17
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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		07/31/07	3507.27	-	18.37	18.88	0.51	3488.82
RW - 1		08/14/07	3507.27	-	18.37	18.56	0.19	3488.87
RW - 1		08/15/07	3507.27	-	18.39	18.51	0.12	3488.86
RW - 1		08/29/07	3507.27	-	18.51	18.76	0.25	3488.72
RW - 1		09/07/07	3507.27	-	18.55	18.77	0.22	3488.69
RW - 1		09/10/07	3507.27	-	18.44	18.59	0.15	3488.81
RW - 1		09/17/07	3507.27	-	18.27	18.35	0.08	3488.99
RW - 1		09/24/07	3507.27	-	18.22	18.39	0.17	3489.02
RW - 1		11/05/07	3507.27	-	18.19	18.71	0.52	3489.00
RW - 1		11/06/07	3507.27	-	18.24	18.29	0.05	3489.02
RW - 1		11/12/07	3507.27	-	18.18	18.38	0.20	3489.06
RW - 1		11/19/07	3507.27	-	18.22	18.31	0.09	3489.04
RW - 1		11/30/07	3507.27	-	18.24	18.29	0.05	3489.02
RW - 1		12/03/07	3507.27	-	18.21	18.23	0.02	3489.06
RW - 1		12/14/07	3507.27	-	18.14	18.26	0.12	3489.11
RW - 1		12/17/07	3507.27	-	18.19	18.24	0.05	3489.07
RW - 1		01/09/08	3507.27	-	18.07	18.26	0.19	3489.17
RW - 1		01/16/08	3507.27	-	18.13	18.48	0.35	3489.09
RW - 1		01/30/08	3507.27	-	18.06	18.25	0.19	3489.18
RW - 1		02/08/08	3507.27	-	18.10	18.32	0.22	3489.14
RW - 1		02/12/08	3507.27	-	18.09	18.29	0.20	3489.15
RW - 1		02/14/08	3507.27	-	18.10	18.21	0.11	3489.15
RW - 1		02/20/08	3507.27	-	18.08	18.18	0.10	3489.18
RW - 1		03/13/08	3507.27	-	18.08	18.12	0.04	3489.18
RW - 1		03/19/08	3507.27	-	18.09	18.18	0.09	3489.17
RW - 1		03/24/08	3507.27	-	18.05	18.14	0.09	3489.21
RW - 1		04/02/08	3507.27	-	18.06	18.12	0.06	3489.20
RW - 1		04/07/08	3507.27	-	18.07	18.11	0.04	3489.19
RW - 1		04/14/08	3507.27	-	18.05	18.12	0.07	3489.21
RW - 1		04/23/08	3507.27	-	18.05	18.11	0.06	3489.21
RW - 1		05/07/08	3507.27	-	18.05	18.16	0.11	3489.20
RW - 1		05/13/08	3507.27	-	18.05	18.16	0.11	3489.20
RW - 1		05/14/08	3507.27	-	18.08	18.11	0.03	3489.19
RW - 1		05/19/08	3507.27	-	18.10	18.12	0.02	3489.17
RW - 1		06/09/08	3507.27	-	18.32	18.44	0.12	3488.93
RW - 1		06/16/08	3507.27	-	18.01	18.12	0.11	3489.24
RW - 1		06/23/08	3507.27	-	18.49	18.96	0.47	3488.71
RW - 1		06/30/08	3507.27	-	18.56	18.67	0.11	3488.69
RW - 1		07/14/08	3507.27	-	18.61	18.63	0.02	3488.66
RW - 1		07/22/08	3507.27	-	18.72	18.82	0.10	3488.54
RW - 1		07/29/08	3507.27	-	18.71	18.80	0.09	3488.55
RW - 1		08/04/08	3507.27	-	18.74	18.85	0.11	3488.51
RW - 1		08/11/08	3507.27	-	18.80	18.81	0.01	3488.47
RW - 1		08/14/08	3507.27	-	18.80	18.93	0.13	3488.45
RW - 1		08/18/08	3507.27	-	18.79	18.92	0.13	3488.46
RW - 1		08/28/08	3507.27	-	18.76	18.85	0.09	3488.50
RW - 1		09/17/08	3507.27	-	18.53	18.64	0.11	3488.72
RW - 1		09/29/08	3507.27	-	18.51	18.63	0.12	3488.74
RW - 1		10/06/08	3507.27	-	18.51	18.64	0.13	3488.74
RW - 1		10/13/08	3507.27	-	18.54	18.59	0.05	3488.72
RW - 1		10/20/08	3507.27	-	18.41	18.49	0.08	3488.85
RW - 1		10/29/08	3507.27	-	18.39	18.47	0.08	3488.87
RW - 1		10/30/08	3507.27	-	18.44	18.45	0.01	3488.83
RW - 1		11/06/08	3507.27	-	18.36	18.42	0.06	3488.90
RW - 1		11/12/08	3507.27	-	18.34	18.43	0.09	3488.92
RW - 1		11/13/08	3507.27	-	18.34	18.43	0.09	3488.92
RW - 1		12/16/08	3507.27	-	18.36	18.43	0.07	3488.90
RW - 1		12/19/08	3507.27	-	18.33	18.38	0.05	3488.93
RW - 1		12/22/08	3507.27	-	18.32	18.35	0.03	3488.95
RW - 1		01/06/09	3507.27	-	18.31	18.33	0.02	3488.96
RW - 1		01/12/09	3507.27	-	18.29	18.71	0.42	3488.92

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		01/19/09	3507.27	-	18.29	18.51	0.22	3488.95
RW - 1		01/22/09	3507.27	-	18.26	18.29	0.03	3489.01
RW - 1		01/26/09	3507.27	-	18.31	18.38	0.07	3488.95
RW - 1		02/10/09	3507.27	-	18.23	18.27	0.04	3489.03
RW - 1		02/13/09	3507.27	-	18.34	18.76	0.42	3488.87
RW - 1		02/24/09	3507.27	-	18.39	18.73	0.34	3488.83
RW - 1		03/02/09	3507.27	-	18.23	18.52	0.29	3489.00
RW - 1		03/05/09	3507.27	-	18.23	18.30	0.07	3489.03
RW - 1		03/09/09	3507.27	-	18.20	18.22	0.02	3489.07
RW - 1		03/16/09	3507.27	-	18.19	18.25	0.06	3489.07
RW - 1		03/19/09	3507.27	-	18.25	18.55	0.30	3488.98
RW - 1		03/25/09	3507.27	-	18.27	18.58	0.31	3488.95
RW - 1		03/30/09	3507.27	-	18.29	18.56	0.27	3488.94
RW - 1		04/13/09	3507.27	-	18.18	18.21	0.03	3489.09
RW - 1		04/16/09	3507.27	-	18.29	18.46	0.17	3488.95
RW - 1		04/21/09	3507.27	-	18.27	18.42	0.15	3488.98
RW - 1		04/27/09	3507.27	-	18.17	18.19	0.02	3489.10
RW - 1		04/30/09	3507.27	-	18.25	18.39	0.14	3489.00
RW - 1		05/06/09	3507.27	-	18.25	18.38	0.13	3489.00
RW - 1		05/12/09	3507.27	-	17.98	18.11	0.13	3489.27
RW - 1		05/19/09	3507.27	-	18.25	18.28	0.03	3489.02
RW - 1		05/26/09	3507.27	-	18.29	18.33	0.04	3488.97
RW - 1		06/01/09	3507.27	-	18.32	18.38	0.06	3488.94
RW - 1		06/05/09	3507.27	-	18.37	18.42	0.05	3488.89
RW - 1		06/12/09	3507.27	-	18.39	18.41	0.02	3488.88
RW - 1		06/15/09	3507.27	-	18.48	18.53	0.05	3488.78
RW - 1		06/22/09	3507.27	-	18.49	18.54	0.05	3488.77
RW - 1		06/24/09	3507.27	-	18.52	18.58	0.06	3488.74
RW - 1		06/29/09	3507.27	-	18.60	18.66	0.06	3488.66
RW - 1		07/06/09	3507.27	-	18.60	18.65	0.05	3488.66
RW - 1		07/09/09	3507.27	-	18.25	18.28	0.03	3489.02
RW - 1		07/13/09	3507.27	-	18.26	18.30	0.04	3489.00
RW - 1		07/20/09	3507.27	-	18.25	18.32	0.07	3489.01
RW - 1		07/23/09	3507.27	-	18.74	18.89	0.15	3488.51
RW - 1		07/27/09	3507.27	-	18.75	18.87	0.12	3488.50
RW - 1		07/29/09	3507.27	-	18.71	18.78	0.07	3488.55
RW - 1		08/03/09	3507.27	-	18.72	18.78	0.06	3488.54
RW - 1		08/10/09	3507.27	-	18.82	18.88	0.06	3488.44
RW - 1		08/10/09	3507.27	-	18.82	18.88	0.06	3488.44
RW - 1		08/18/09	3507.27	-	18.83	19.07	0.24	3488.40
RW - 1		08/24/09	3507.27	-	18.88	18.95	0.07	3488.38
RW - 1		08/28/09	3507.27	-	18.90	18.94	0.04	3488.36
RW - 1		08/31/09	3507.27	-	-	19.98	0.00	3487.29
RW - 1		09/02/09	3507.27	-	-	18.95	0.00	3488.32
RW - 1		09/08/09	3507.27	-	-	19.07	0.00	3488.20
RW - 1		09/10/09	3507.27	-	-	18.96	0.00	3488.31
RW - 1		09/16/09	3507.27	-	-	19.02	0.00	3488.25
RW - 1		09/18/09	3507.27	-	-	19.02	0.00	3488.25
RW - 1		09/22/09	3507.27	-	-	19.09	0.00	3488.18
RW - 1		09/28/09	3507.27	-	18.92	18.96	0.04	3488.34
RW - 1		10/09/09	3507.27	-	19.14	19.36	0.22	3488.10
RW - 1		10/12/09	3507.27	-	18.24	18.29	0.05	3489.02
RW - 1		10/20/09	3507.27	-	sheen	19.24	0.00	3488.03
RW - 1		10/26/09	3507.27	-	18.25	18.28	0.03	3489.02
RW - 1		10/28/09	3507.27	-	-	19.24	0.00	3488.03
RW - 1		11/03/09	3507.27	-	-	19.15	0.00	3488.12
RW - 1		11/12/09	3507.27	-	-	19.33	0.00	3487.94
RW - 1		11/18/09	3507.27	-	-	19.32	0.00	3487.95
RW - 1		12/03/09	3507.27	-	sheen	19.32	0.00	3487.95
RW - 1		12/11/09	3507.27	-	sheen	19.31	0.00	3487.96
RW - 1		12/16/09	3507.27	-	sheen	19.06	0.00	3488.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		12/21/09	3507.27	-	sheen	19.18	0.00	3488.09
RW - 1		12/28/09	3507.27	-	sheen	19.35	0.00	3487.92
RW - 1		01/04/09	3507.27	-	sheen	19.14	0.00	3488.13
RW - 1		01/14/10	3507.27	-	sheen	19.09	0.00	3488.18
RW - 1		01/20/10	3507.27	-	sheen	19.14	0.00	3488.13
RW - 1		01/25/10	3507.27	-	sheen	19.27	0.00	3488.00
RW - 1		01/27/10	3507.27	-	sheen	19.15	0.00	3488.12
RW - 1		02/01/10	3507.27	-	sheen	19.21	0.00	3488.06
RW - 1		02/08/10	3507.27	-	sheen	19.04	0.00	3488.23
RW - 1		02/09/10	3507.27	-	sheen	19.43	0.00	3487.84
RW - 1		02/19/10	3507.27	-	-	19.81	0.00	3487.46
RW - 1		02/26/10	3507.27	-	sheen	18.95	0.00	3488.32
RW - 1		03/01/10	3507.27	-	sheen	19.27	0.00	3488.00
RW - 1		03/04/10	3507.27	-	sheen	18.89	0.00	3488.38
RW - 1		03/08/10	3507.27	-	sheen	18.94	0.00	3488.33
RW - 1		03/11/10	3507.27	-	sheen	18.82	0.00	3488.45
RW - 1		03/15/10	3507.27	-	sheen	18.84	0.00	3488.43
RW - 1		03/17/10	3507.27	-	sheen	18.83	0.00	3488.44
RW - 1		03/22/10	3507.27	-	sheen	18.76	0.00	3488.51
RW - 1		03/29/10	3507.27	-	sheen	18.69	0.00	3488.58
RW - 1		04/05/10	3507.27	-	sheen	18.71	0.00	3488.56
RW - 1		04/14/10	3507.27	-	sheen	18.69	0.00	3488.58
RW - 1		04/16/10	3507.27	-	sheen	18.63	0.00	3488.64
RW - 1		04/19/10	3507.27	-	sheen	18.70	0.00	3488.57
RW - 1		04/28/10	3507.27	-	sheen	18.64	0.00	3488.63
RW - 1		05/05/10	3507.27	-	sheen	18.58	0.00	3488.69
RW - 1		05/12/10	3507.27	-	sheen	18.64	0.00	3488.63
RW - 1		05/14/10	3507.27	-	sheen	18.64	0.00	3488.63
RW - 1		05/21/10	3507.27	-	sheen	18.45	0.00	3488.82
RW - 1		05/26/10	3507.27	-	sheen	18.59	0.00	3488.68
RW - 1		06/04/10	3507.27	-	sheen	18.49	0.00	3488.78
RW - 1		06/07/10	3507.27	-	sheen	18.68	0.00	3488.59
RW - 1		06/12/10	3507.27	-	sheen	18.74	0.00	3488.53
RW - 1		06/24/10	3507.27	-	sheen	18.90	0.00	3488.37
RW - 1		06/30/10	3507.27	-	sheen	18.42	0.00	3488.85
RW - 1		07/07/10	3507.27	-	sheen	18.60	0.00	3488.67
RW - 1		07/12/10	3507.27	-	sheen	18.22	0.00	3489.05
RW - 1		07/19/10	3507.27	-	sheen	18.33	0.00	3488.94
RW - 1		07/26/10	3507.27	-	-	-	-	-
RW - 1		08/03/10	3507.27	-	18.08	18.10	0.02	3489.19
RW - 1		08/11/10	3507.27	-	18.08	18.10	0.02	3489.19
RW - 1		08/19/10	3507.27	-	18.11	18.12	0.01	3489.16
RW - 1		08/25/10	3507.27	-	18.19	18.26	0.07	3489.07
RW - 1		09/01/10	3507.27	-	18.20	18.29	0.09	3489.06
RW - 1		09/09/10	3507.27	-	18.30	18.41	0.11	3488.95
RW - 1		09/13/10	3507.27	-	18.08	18.10	0.02	3489.19
RW - 1		09/29/10	3507.27	-	18.38	18.50	0.12	3488.87
RW - 1		10/05/10	3507.27	-	18.06	18.11	0.05	3489.20
RW - 1		10/20/10	3507.27	-	18.50	18.94	0.44	3488.70
RW - 1		10/25/10	3507.27	-	18.52	18.93	0.41	3488.69
RW - 1		11/03/10	3507.27	-	18.06	18.09	0.03	3489.21
RW - 1		11/10/10	3507.27	-	18.15	18.21	0.06	3489.11
RW - 1		11/12/10	3507.27	-	18.15	18.21	0.06	3489.11
RW - 1		12/09/10	3507.27	-	18.02	18.13	0.11	3489.23
RW - 1		01/18/11	3507.27	-	18.15	18.21	0.06	3489.11
RW - 1		02/16/11	3507.27	-	18.14	18.23	0.09	3489.12
RW - 1		03/01/11	3507.27	-	18.38	18.39	0.01	3488.89
RW - 1		03/07/11	3507.27	-	18.35	18.36	0.01	3488.92
RW - 1		03/22/11	3507.27	-	18.15	18.21	0.06	3489.11
RW - 1		04/27/11	3507.27	-	18.34	18.63	0.29	3488.89
RW - 1		05/05/11	3507.27	-	18.46	18.49	0.03	3488.81

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		05/10/11	3507.27	-	18.51	18.53	0.02	3488.76
RW - 1		05/17/11	3507.27	-	18.52	18.54	0.02	3488.75
RW - 1		05/19/11	3507.27	-	18.52	18.54	0.02	3488.75
RW - 1		05/24/11	3507.27	-	18.63	18.68	0.05	3488.63
RW - 1		06/07/11	3507.27	-	18.68	18.76	0.08	3488.58
RW - 1		06/08/11	3507.27	-	18.70	18.75	0.05	3488.56
RW - 1		06/14/11	3507.27	-	18.75	18.80	0.05	3488.51
RW - 1		06/23/11	3507.27	-	18.68	18.78	0.10	3488.58
RW - 1		06/28/11	3507.27	-	18.65	18.72	0.07	3488.61
RW - 1		07/06/11	3507.27	-	18.88	19.14	0.26	3488.35
RW - 1		07/14/11	3507.27	-	18.88	18.98	0.10	3488.38
RW - 1		07/20/11	3507.27	-	19.00	19.08	0.08	3488.26
RW - 1		07/27/11	3507.27	-	18.97	19.05	0.08	3488.29
RW - 1		08/03/11	3507.27	-	18.95	19.03	0.08	3488.31
RW - 1		08/10/11	3507.27	-	19.08	19.15	0.07	3488.18
RW - 1		08/18/11	3507.27	-	19.21	19.28	0.07	3488.05
RW - 1		08/25/11	3507.27	-	19.25	19.30	0.05	3488.01
RW - 1		09/07/11	3507.27	-	19.33	19.42	0.09	3487.93
RW - 1		09/14/11	3507.27	-	19.40	19.46	0.06	3487.86
RW - 1		11/14/11	3507.27	-	19.21	19.23	0.02	3488.06
RW - 1		12/01/11	3507.27	-	-	19.32	0.00	3487.95
RW - 1		12/08/11	3507.27	-	-	19.23	0.00	3488.04
RW - 1		12/14/11	3507.27	-	-	19.51	0.00	3487.76
RW - 1		01/12/12	3507.27	-	-	19.18	0.00	3488.09
RW - 1		01/19/12	3507.27	-	-	19.11	0.00	3488.16
RW - 1		02/03/12	3507.27	-	-	19.11	0.00	3488.16
RW - 1		02/29/12	3507.27	-	-	19.01	0.00	3488.26
RW - 1		03/14/12	3507.27	-	-	18.86	0.00	3488.41
RW - 1		03/19/12	3507.27	-	-	19.10	0.00	3488.17
RW - 1		03/29/12	3507.27	-	-	18.89	0.00	3488.38
RW - 1		04/05/12	3507.27	-	-	18.82	0.00	3488.45
RW - 1		04/18/12	3507.27	-	-	18.81	0.00	3488.46
RW - 1		04/27/12	3507.27	-	-	18.82	0.00	3488.45
RW - 1		05/02/12	3507.27	-	-	18.87	0.00	3488.40
RW - 1		05/31/12	3507.27	-	-	18.95	0.00	3488.32
RW - 1		06/08/12	3507.27	-	19.81	19.82	0.01	3487.46
RW - 1		06/12/12	3507.27	-	18.92	18.94	0.02	3488.35
RW - 1		06/21/12	3507.27	-	-	19.06	0.00	3488.21
RW - 1		06/29/12	3507.27	-	-	19.18	0.00	3488.09
RW - 1		07/13/12	3507.27	-	19.21	19.27	0.06	3488.05
RW - 1		12/06/12	3507.27	-	20.73	20.74	0.01	3486.54
RW - 1		12/11/12	3507.27	-	-	20.72	0.00	3486.55
RW - 1		12/18/12	3507.27	-	19.69	19.70	0.01	3487.58
RW - 1		01/09/13	3507.27	-	20.64	20.66	0.02	3486.63
RW - 1		01/15/13	3507.27	-	-	20.65	0.00	3486.62
RW - 1		01/23/13	3507.27	-	-	20.65	0.00	3486.62
RW - 1		01/29/13	3507.27	-	-	20.61	0.00	3486.66
RW - 1		02/07/13	3507.27	-	-	20.63	0.00	3486.64
RW - 1		02/13/13	3507.27	-	20.60	20.61	0.01	3486.67
RW - 1		02/20/13	3507.27	-	-	20.54	0.00	3486.73
RW - 1		03/15/13	3507.27	-	-	20.55	0.00	3486.72
RW - 1		03/19/13	3507.27	-	-	20.54	0.00	3486.73
RW - 1		04/02/13	3507.27	-	-	20.56	0.00	3486.71
RW - 1		04/09/13	3507.27	-	-	20.50	0.00	3486.77
RW - 1		04/16/13	3507.27	-	-	20.49	0.00	3486.78
RW - 1		04/23/13	3507.27	-	20.49	20.50	0.01	3486.78
RW - 1		04/30/13	3507.27	-	-	20.46	0.00	3486.81
RW - 1		05/08/13	3507.27	-	-	20.66	0.00	3486.61
RW - 1		05/14/13	3507.27	-	-	20.60	0.00	3486.67
RW - 1		05/22/13	3507.27	-	-	20.62	0.00	3486.65
RW - 1		05/28/13	3507.27	-	-	20.44	0.00	3486.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1		06/04/13	3507.27	-	-	20.46	0.00	3486.81
RW - 1		06/11/13	3507.27	-	20.51	20.52	0.01	3486.76
RW - 1		06/19/13	3507.27	-	-	20.70	0.00	3486.57
RW - 1		06/28/13	3507.27	-	-	20.82	0.00	3486.45
RW - 1		07/01/13	3507.27	-	-	21.10	0.00	3486.17
RW - 1		07/08/13	3507.27	-	-	20.88	0.00	3486.39
RW - 1		07/23/13	3507.27	-	-	20.83	0.00	3486.44
RW - 1		07/30/13	3507.27	-	-	20.80	0.00	3486.47
RW - 1		08/05/13	3507.27	-	-	20.96	0.00	3486.31
RW - 1		08/12/13	3507.27	27.21	-	20.85	0.00	3486.42
RW - 1		08/22/13	3507.27	-	-	20.94	0.00	3486.33
RW - 1		08/29/13	3507.27	-	-	20.98	0.00	3486.29
RW - 1		09/05/13	3507.27	-	-	20.98	0.00	3486.29
RW - 1		09/10/13	3507.27	-	-	21.10	0.00	3486.17
RW - 1		09/17/13	3507.27	-	-	21.23	0.00	3486.04
RW - 1		09/24/13	3507.27	-	-	21.24	0.00	3486.03
RW - 1		10/07/13	3507.27	-	-	21.26	0.00	3486.01
RW - 1		11/14/13	3507.27	-	-	23.60	0.00	3483.67
RW - 1		11/20/13	-	29.95	-	23.60	0.00	-
RW - 1		12/12/13	-	-	-	23.58	0.00	-
RW - 1		12/19/13	-	-	-	23.55	0.00	-
RW - 1		01/03/14	-	-	-	23.50	0.00	-
RW - 1		01/09/14	-	-	-	23.52	0.00	-
RW - 1		01/13/14	-	-	-	23.50	0.00	-
RW - 1		01/21/14	-	-	-	23.48	0.00	-
RW - 1		01/24/14	-	-	-	23.54	0.00	-
RW - 1	John Flores	02/04/14	3512.54	29.88	-	23.45	0.00	3489.09
RW - 1		02/10/14	3512.54	-	-	23.51	0.00	3489.03
RW - 1	David F.	02/27/14	3512.54	-	-	23.45	0.00	3489.09
RW - 1	David F.	03/17/14	3512.54	-	-	23.35	0.00	3489.19
RW - 1	David F.	03/27/14	3512.54	-	-	23.31	0.00	3489.23
RW - 1	David & Jose	04/02/14	3512.54	-	-	23.27	0.00	3489.27
RW - 1	Manny & Lira	04/16/14	3512.54	-	-	23.20	0.00	3489.34
RW - 1	Manny & Chanc	04/22/14	3512.54	-	-	23.20	0.00	3489.34
RW - 1	David & Justin	04/28/14	3512.54	-	-	23.23	0.00	3489.31
RW - 1	Manny & Chanc	05/06/14	3512.54	-	-	23.19	0.00	3489.35
RW - 1	Manny	05/13/14	3512.54	-	-	23.22	0.00	3489.32
RW - 1	Jose & Chance	05/14/14	3512.54	29.87	-	23.21	0.00	3489.33
RW - 1	Manny	05/21/14	3512.54	29.87	-	23.21	0.00	3489.33
RW - 1	Manny & Chanc	06/05/14	3512.54	-	-	23.30	0.00	3489.24
RW - 1	Manny	06/11/14	3512.54	-	-	23.36	0.00	3489.18
RW - 1	Manny	06/16/14	3512.54	-	-	23.43	0.00	3489.11
RW - 1	Manny	06/24/14	3512.54	-	-	23.54	0.00	3489.00
RW - 1	Manny	07/01/14	3512.54	-	-	23.62	0.00	3488.92
RW - 1	David	07/08/14	3512.54	-	-	23.67	0.00	3488.87
RW - 1	Manny	07/15/14	3512.54	-	-	23.70	0.00	3488.84
RW - 1	Manny	07/22/14	3512.54	-	-	23.81	0.00	3488.73
RW - 1	Manny	07/23/14	3512.54	-	-	23.81	0.00	3488.73
RW - 1	Manny	07/31/14	3512.54	-	-	23.98	0.00	3488.56
RW - 1	David F.	08/05/14	3512.54	29.95	-	24.08	0.00	3488.46
RW - 1	Manny	08/07/14	3512.54	29.95	-	23.94	0.00	3488.60
RW - 1	Manny	08/15/14	3512.54	-	-	24.00	0.00	3488.54
RW - 1	Manny	08/20/14	3512.54	-	-	24.03	0.00	3488.51
RW - 1	Manny	08/27/14	3512.54	-	-	23.91	0.00	3488.63
RW - 1	Manny	09/24/14	3512.54	-	-	23.23	0.00	3489.31
RW - 1	Manny	10/01/14	3512.54	-	-	22.91	0.00	3489.63
RW - 1	Manny	10/07/14	3512.54	-	-	22.76	0.00	3489.78
RW - 1	Manny	10/14/14	3512.54	-	-	22.81	0.00	3489.73
RW - 1	Manny	10/20/14	3512.54	-	-	22.82	0.00	3489.72
RW - 1	Manny	10/27/14	3512.54	-	-	22.78	0.00	3489.76
RW - 1	Manny	11/03/14	3512.54	-	-	22.77	0.00	3489.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Manny	11/11/14	3512.54	-	-	22.76	0.00	3489.78
RW - 1	Manny	11/19/14	3512.54	29.92	-	22.78	0.00	3489.76
RW - 1	Manny	12/08/14	3512.54	-	-	22.80	0.00	3489.74
RW - 1	Manny	12/15/14	3512.54	-	-	22.82	0.00	3489.72
RW - 1	Manny	12/18/14	3512.54	-	-	22.85	0.00	3489.69
RW - 1	Manny	12/22/14	3512.54	-	-	22.85	0.00	3489.69
RW - 1	Manny	12/29/14	3512.54	-	-	22.78	0.00	3489.76
RW - 1	Manny	01/05/15	3512.54	-	-	22.77	0.00	3489.77
RW - 1	Manny	01/12/15	3512.54	-	-	22.79	0.00	3489.75
RW - 1	Manny	01/19/15	3512.54	-	-	22.64	0.00	3489.90
RW - 1	Manny	02/04/15	3512.54	-	-	22.80	0.00	3489.74
RW - 1	Manny	02/09/15	3512.54	29.89	-	22.65	0.00	3489.89
RW - 1	Manny	02/19/15	3512.54	-	-	22.80	0.00	3489.74
RW - 1	Manny/Art	03/03/15	3512.54	-	-	22.82	0.00	3489.72
RW - 1	Manny	03/09/15	3512.54	-	-	22.87	0.00	3489.67
RW - 1	Carlos	03/16/15	3512.54	-	-	22.82	0.00	3489.72
RW - 1	Manny	03/20/15	3512.54	-	-	22.85	0.00	3489.69
RW - 1	Carlos	03/23/15	3512.54	-	-	22.87	0.00	3489.67
RW - 1	Manny/Art	03/30/15	3512.54	-	-	22.74	0.00	3489.80
RW - 1	Manny	04/04/15	3512.54	-	-	22.80	0.00	3489.74
RW - 1	Manny/Art	04/07/15	3512.54	-	-	22.64	0.00	3489.90
RW - 1	Manny/Art	04/14/15	3512.54	-	-	22.72	0.00	3489.82
RW - 1	Carlos/ Matt	04/20/15	3512.54	-	-	22.70	0.00	3489.84
RW - 1	Manny/Art	04/27/15	3512.54	-	-	22.69	0.00	3489.85
RW - 1	Carlos	05/07/15	3512.54	-	-	22.65	0.00	3489.89
RW - 1	Carlos	05/11/15	3512.54	-	-	22.64	0.00	3489.90
RW - 1	Carlos	05/21/15	3512.54	-	-	22.54	0.00	3490.00
RW - 1	Manny/Art	05/27/15	3512.54	29.88	-	22.59	0.00	3489.95
RW - 1	Carlos	05/28/15	3512.54	-	-	22.57	0.00	3489.97
RW - 1	Manny	06/03/15	3512.54	-	-	22.55	0.00	3489.99
RW - 1	Manny	06/08/15	3512.54	-	-	22.55	0.00	3489.99
RW - 1	Manny	06/15/15	3512.54	-	-	22.49	0.00	3490.05
RW - 1	Arthur	06/25/15	3512.54	-	-	22.64	0.00	3489.90
RW - 1	Manny/Arthur	06/29/15	3512.54	-	-	22.55	0.00	3489.99
RW - 1	Manny	07/08/15	3512.54	-	-	22.56	0.00	3489.98
RW - 1	Carlos	07/09/15	3512.54	-	-	22.61	0.00	3489.93
RW - 1	Manny	07/14/15	3512.54	-	-	22.58	0.00	3489.96
RW - 1	Arthur	07/20/15	3512.54	-	-	22.71	0.00	3489.83
RW - 1	Manny	07/28/15	3512.54	-	-	22.75	0.00	3489.79
RW - 1	Manny/Arthur	08/03/15	3512.54	29.85	-	22.79	0.00	3489.75
RW - 1	Carlos	08/04/15	3512.54	-	-	22.86	0.00	3489.68
RW - 1	Carlos	08/10/15	3512.54	-	-	22.91	0.00	3489.63
RW - 1	Carlos	08/17/15	3512.54	-	-	22.98	0.00	3489.56
RW - 1	Carlos	08/25/15	3512.54	-	-	22.99	0.00	3489.55
RW - 1	Arthur/Carlos	08/31/15	3512.54	-	-	23.02	0.00	3489.52
RW - 1	Carlos	09/08/15	3512.54	-	-	23.00	0.00	3489.54
RW - 1	Carlos	09/15/15	3512.54	-	-	23.01	0.00	3489.53
RW - 1	Manny	09/24/15	3512.54	-	-	23.10	0.00	3489.44
RW - 1	Manny	09/28/15	3512.54	-	-	23.09	0.00	3489.45
RW - 1	Manny	10/06/15	3512.54	-	-	23.03	0.00	3489.51
RW - 1	Carlos	10/12/15	3512.54	-	-	22.98	0.00	3489.56
RW - 1	Manny	10/26/15	3512.54	-	-	22.87	0.00	3489.67
RW - 1	Manny	11/06/15	3512.54	-	-	22.81	0.00	3489.73
RW - 1	Carlos	11/10/15	3512.54	-	-	22.75	0.00	3489.79
RW - 1	Manny	11/18/15	3512.54	29.80	-	22.70	0.00	3489.84
RW - 1	Carlos	12/02/15	3512.54	-	-	22.73	0.00	3489.81
RW - 1	Carlos	12/07/15	3512.54	-	-	22.71	0.00	3489.83
RW - 1	Carlos	12/14/15	3512.54	-	-	22.65	0.00	3489.89
RW - 1	Carlos	01/05/16	3512.54	-	-	22.67	0.00	3489.87
RW - 1	Manny	01/08/16	3512.54	-	-	22.60	0.00	3489.94
RW - 1	Manny	01/12/16	3512.54	-	-	22.64	0.00	3489.90

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Carlos	01/18/16	3512.54	-	-	22.63	0.00	3489.91
RW - 1	Carlos	01/25/16	3512.54	-	-	22.63	0.00	3489.91
RW - 1	Carlos	02/01/16	3512.54	-	-	22.57	0.00	3489.97
RW - 1	Carlos	02/08/16	3512.54	-	-	22.64	0.00	3489.90
RW - 1	Carlos	02/19/16	3512.54	-	-	22.56	0.00	3489.98
RW - 1	Manny	02/23/16	3512.54	29.83	-	22.53	0.00	3490.01
RW - 1	Manny	03/03/16	3512.54	-	-	22.55	0.00	3489.99
RW - 1	Carlos	03/07/16	3512.54	-	-	22.51	0.00	3490.03
RW - 1	Carlos	03/15/16	3512.54	-	-	22.53	0.00	3490.01
RW - 1	Manny	03/21/16	3512.54	-	-	22.40	0.00	3490.14
RW - 1	Carlos	03/28/16	3512.54	-	-	22.48	0.00	3490.06
RW - 1	Carlos	04/05/16	3512.54	-	-	22.44	0.00	3490.10
RW - 1	Manny	04/08/16	3512.54	-	-	22.47	0.00	3490.07
RW - 1	Carlos	04/12/16	3512.54	-	-	22.46	0.00	3490.08
RW - 1	Carlos	04/18/16	3512.54	-	-	22.46	0.00	3490.08
RW - 1	Carlos	04/25/16	3512.54	-	-	22.40	0.00	3490.14
RW - 1	Carlos	05/02/16	3512.54	-	-	22.42	0.00	3490.12
RW - 1	Carlos	05/23/16	3512.54	-	-	22.39	0.00	3490.15
RW - 1	Carlos	06/01/16	3512.54	-	-	22.50	0.00	3490.04
RW - 1	Manny	06/06/16	3512.54	29.79	-	22.46	0.00	3490.08
RW - 1	Carlos	06/28/16	3512.54	-	-	22.65	0.00	3489.89
RW - 1	Manny	07/12/16	3512.54	-	-	22.81	0.00	3489.73
RW - 1	Carlos	07/19/16	3512.54	-	-	22.85	0.00	3489.69
RW - 1	Carlos	07/27/16	3512.54	-	-	22.92	0.00	3489.62
RW - 1	Manny/ Wes	08/03/16	3512.54	29.80	-	22.93	0.00	3489.61
RW - 1	Carlos	08/08/16	3512.54	-	-	23.00	0.00	3489.54
RW - 1	Carlos	08/16/16	3512.54	-	-	23.05	0.00	3489.49
RW - 1	Carlos	08/23/16	3512.54	-	-	23.07	0.00	3489.47
RW - 1	Manny	08/31/16	3512.54	-	-	22.87	0.00	3489.67
RW - 1	Carlos	09/14/16	3512.54	-	-	22.26	0.00	3490.28
RW - 1	Carlos	09/22/16	3512.54	-	-	22.11	0.00	3490.43
RW - 1	Manny	09/27/16	3512.54	-	-	21.95	0.00	3490.59
RW - 1	Wesley	10/07/16	3512.54	-	-	21.87	0.00	3490.67
RW - 1	Manny	10/21/16	3512.54	-	-	21.92	0.00	3490.62
RW - 1	Manny	10/28/16	3512.54	-	-	21.93	0.00	3490.61
RW - 1	Manny	11/04/16	3512.54	-	-	21.98	0.00	3490.56
RW - 1	Manny	11/09/16	3512.54	29.79	-	21.97	0.00	3490.57
RW - 1	Wesley	12/06/16	3512.54	-	-	21.95	0.00	3490.59
RW - 1	Manny	12/15/16	3512.54	-	-	22.15	0.00	3490.39
RW - 1	Manny	12/22/16	3512.54	-	-	22.11	0.00	3490.43
RW - 1	Manny	12/29/16	3512.54	-	-	22.15	0.00	3490.39
RW - 1	Carlos	01/05/17	3512.54	-	-	21.98	0.00	3490.56
RW - 1	Manny	01/11/17	3512.54	-	-	22.02	0.00	3490.52
RW - 1	Carlos	01/18/17	3512.54	-	-	22.00	0.00	3490.54
RW - 1	Manny	01/26/17	3512.54	-	-	22.07	0.00	3490.47
RW - 1	Manny	01/31/17	3512.54	-	-	22.02	0.00	3490.52
RW - 1	Carlos	02/10/17	3512.54	-	-	22.07	0.00	3490.47
RW - 1	Wesley	02/17/17	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Manny	02/24/17	3512.54	-	-	22.02	0.00	3490.52
RW - 1	Manny	03/01/17	3512.54	29.73	-	22.01	0.00	3490.53
RW - 1	Carlos	03/09/17	3512.54	-	-	22.18	0.00	3490.36
RW - 1	Wesley	03/15/17	3512.54	-	-	22.04	0.00	3490.50
RW - 1	Manny	03/22/17	3512.54	-	-	22.10	0.00	3490.44
RW - 1	Carlos	03/29/17	3512.54	-	-	22.42	0.00	3490.12
RW - 1	Manny	04/07/17	3512.54	-	-	22.33	0.00	3490.21
RW - 1	Wesley	04/11/17	3512.54	-	-	21.97	0.00	3490.57
RW - 1	Manny	04/20/17	3512.54	-	-	21.94	0.00	3490.60
RW - 1	Jeremy	05/02/17	3512.54	-	-	21.92	0.00	3490.62
RW - 1	Jeremy	05/16/17	3512.54	-	-	21.93	0.00	3490.61
RW - 1	Manny	05/23/17	3512.54	29.66	-	22.00	0.00	3490.54
RW - 1	Jeremy	06/05/17	3512.54	-	-	22.05	0.00	3490.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Manny	06/15/17	3512.54	-	-	22.21	0.00	3490.33
RW - 1	Jeremy	06/28/17	3512.54	-	-	22.25	0.00	3490.29
RW - 1	Jeremy	07/05/17	3512.54	-	-	22.36	0.00	3490.18
RW - 1	Jeremy	07/11/17	3512.54	-	-	22.39	0.00	3490.15
RW - 1	Jeremy	07/17/17	3512.54	-	-	22.42	0.00	3490.12
RW - 1	Jeremy	07/20/17	3512.54	-	-	22.46	0.00	3490.08
RW - 1	Jeremy	08/16/17	3512.54	29.27	-	22.38	0.00	3490.16
RW - 1	Jeremy	09/05/17	3512.54	-	-	22.21	0.00	3490.33
RW - 1	Jeremy	09/13/17	3512.54	-	-	22.18	0.00	3490.36
RW - 1	Jeremy	09/19/17	3512.54	-	-	22.26	0.00	3490.28
RW - 1	Jeremy	09/29/17	3512.54	-	-	22.30	0.00	3490.24
RW - 1	Jeremy	10/05/17	3512.54	-	-	22.32	0.00	3490.22
RW - 1	Jeremy	10/12/17	3512.54	-	-	22.14	0.00	3490.40
RW - 1	Jeremy	10/20/17	3512.54	-	-	22.13	0.00	3490.41
RW - 1	Jeremy	10/24/17	3512.54	-	-	22.15	0.00	3490.39
RW - 1	Jeremy	11/02/17	3512.54	-	-	22.13	0.00	3490.41
RW - 1	Manny/ Jeremy	11/14/17	3512.54	29.52	-	22.19	0.00	3490.35
RW - 1	Jeremy	12/20/17	3512.54	-	-	22.04	0.00	3490.50
RW - 1	Jeremy	12/28/17	3512.54	-	-	22.18	0.00	3490.36
RW - 1	Jeremy	01/03/18	3512.54	-	-	22.06	0.00	3490.48
RW - 1	Jeremy	01/09/18	3512.54	-	-	22.03	0.00	3490.51
RW - 1	Jeremy	01/19/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	01/24/18	3512.54	-	-	22.06	0.00	3490.48
RW - 1	Jeremy	02/07/18	3512.54	28.37	-	22.06	0.00	3490.48
RW - 1	Jeremy	02/12/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	02/22/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	03/02/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	03/07/18	3512.54	-	-	22.02	0.00	3490.52
RW - 1	Jeremy	03/19/18	3512.54	-	-	22.19	0.00	3490.35
RW - 1	Jeremy	03/29/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	04/02/18	3512.54	-	-	21.96	0.00	3490.58
RW - 1	Jeremy	04/11/18	3512.54	-	-	22.06	0.00	3490.48
RW - 1	Jeremy	04/16/18	3512.54	-	-	21.98	0.00	3490.56
RW - 1	Jeremy	04/25/18	3512.54	-	-	22.01	0.00	3490.53
RW - 1	Jeremy	05/01/18	3512.54	-	-	21.96	0.00	3490.58
RW - 1	Jeremy	05/08/18	3512.54	-	-	21.97	0.00	3490.57
RW - 1	Jeremy	05/22/18	3512.54	29.34	-	22.20	0.00	3490.34
RW - 1	Jeremy	05/31/18	3512.54	-	-	22.27	0.00	3490.27
RW - 1	Jeremy	06/06/18	3512.54	-	-	22.72	0.00	3489.82
RW - 1	Jeremy	06/13/18	3512.54	-	-	21.40	0.00	3491.14
RW - 1	Jeremy	06/18/18	3512.54	-	-	22.47	0.00	3490.07
RW - 1	Jeremy	06/25/18	3512.54	-	-	22.47	0.00	3490.07
RW - 1	Jeremy	07/02/18	3512.54	-	-	22.52	0.00	3490.02
RW - 1	Jeremy	07/11/18	3512.54	-	-	22.72	0.00	3489.82
RW - 1	Jeremy	07/19/18	3512.54	-	-	22.61	0.00	3489.93
RW - 1	Jeremy	07/27/18	3512.54	-	-	22.65	0.00	3489.89
RW - 1	Jeremy/ Wesley	08/08/18	3512.54	28.33	-	22.92	0.00	3489.62
RW - 1	Jeremy	08/30/18	3512.54	28.33	-	22.85	0.00	3489.69
RW - 1	Jeremy	09/12/18	3512.54	28.33	-	22.96	0.00	3489.58
RW - 1	Jeremy	09/20/18	3512.54	28.33	-	22.79	0.00	3489.75
RW - 1	Jeremy	09/26/18	3512.54	28.33	-	22.98	0.00	3489.56
RW - 1	Jeremy	10/03/18	3512.54	28.33	-	22.75	0.00	3489.79
RW - 1	Jeremy	10/19/18	3512.54	28.33	-	22.76	0.00	3489.78
RW - 1	Jeremy	10/31/18	3512.54	28.33	-	22.60	0.00	3489.94
RW - 1	Jeremy	11/06/18	3512.54	28.33	-	22.67	0.00	3489.87
RW - 1	Jeremy	11/13/18	3512.54	29.33	-	22.83	0.00	3489.71
RW - 1	Jeremy	12/03/18	3512.54	29.33	-	22.52	0.00	3490.02
RW - 1	Manny/Elias	12/19/18	3512.54	-	-	22.43	0.00	3490.11
RW - 1	Jeremy	12/27/18	3512.54	-	-	22.41	0.00	3490.13
RW - 1	Jeremy	01/03/19	3512.54	-	-	22.68	0.00	3489.86
RW - 1	Jeremy	01/09/19	3512.54	-	-	22.52	0.00	3490.02

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 1	Jeremy	01/16/19	3512.54	-	-	22.47	0.00	3490.07
RW - 1	Jeremy	02/06/19	3512.54	-	-	22.51	0.00	3490.03
RW - 1	Jeremy	02/13/19	3512.54	29.35	-	22.48	0.00	3490.06
RW - 1	Jeremy	02/28/19	3512.54	-	-	22.46	0.00	3490.08
RW - 1	Jeremy	03/06/19	3512.54	-	-	22.52	0.00	3490.02
RW - 1	Elias	03/12/19	3512.54	-	-	22.39	0.00	3490.15
RW - 1	Elias	03/19/19	3512.54	-	-	22.45	0.00	3490.09
RW - 1	Elias	03/28/19	3512.54	-	-	22.45	0.00	3490.09
RW - 1	Elias	04/01/19	3512.54	-	-	22.71	0.00	3489.83
RW - 1	Elias	04/10/19	3512.54	-	-	22.28	0.00	3490.26
RW - 1	Elias	04/17/19	3512.54	-	-	22.37	0.00	3490.17
RW - 1	Elias	04/24/19	3512.54	-	-	22.36	0.00	3490.18
RW - 1	Elias	05/01/19	3512.54	-	-	22.36	0.00	3490.18
RW - 1	Elias	05/08/19	3512.54	29.28	-	22.43	0.00	3490.11
RW - 1	Elias	06/14/19	3512.54	-	-	22.70	0.00	3489.84
RW - 1	Elias	07/11/19	3512.54	-	-	22.67	0.00	3489.87
RW - 1	Elias	08/08/19	3512.54	29.21	-	23.05	0.00	3489.49
RW - 1	Elias	09/05/19	3512.54	-	-	-	-	-
RW - 1	Elias	09/12/19	3512.54	-	-	23.02	0.00	3489.52
RW - 1	Elias	09/17/19	3512.54	-	-	23.01	0.00	3489.53
RW - 1	Elias	09/23/19	3512.54	-	-	-	-	-
RW - 1	Elias	10/15/19	3512.54	-	-	22.90	0.00	3489.64
RW - 1	Elias	11/06/19	3512.54	29.51	-	22.93	0.00	3489.61
RW - 1	Elias	12/17/19	3512.54	-	-	22.62	0.00	3489.92
RW - 1	Elias	01/06/20	3512.54	-	-	22.56	0.00	3489.98
RW - 1	Elias	01/23/20	3512.54	-	-	22.54	0.00	3490.00
RW - 1	Elias	01/29/20	3512.54	-	-	22.50	0.00	3490.04
RW - 1	Elias	03/04/20	3512.54	29.65	-	22.51	0.00	3490.03
RW - 1	Manny	05/14/20	3512.54	-	-	22.28	0.00	3490.26
RW - 1	Manny	05/21/20	3512.54	-	-	22.28	0.00	3490.26
RW - 1	Manny	06/18/20	3512.54	29.65	-	22.59	0.00	3489.95
RW - 1	Manny	07/01/20	3512.54	-	-	22.72	0.00	3489.82
RW - 1	Manny	07/21/20	3512.54	-	-	22.94	0.00	3489.60
RW - 1	Manny	08/13/20	3512.54	29.67	-	23.07	0.00	3489.47
RW - 1	Manny	09/14/20	3512.54	-	-	23.18	0.00	3489.36
RW - 1	Manny	12/10/20	3512.54	29.65	-	23.30	0.00	3489.24
RW - 1	Manny	01/13/21	3512.54	-	-	23.27	0.00	3489.27
RW - 1	Manny	02/11/21	3512.54	29.65	-	23.26	0.00	3489.28
RW - 1	Manny	04/21/21	3512.54	-	-	23.12	0.00	3489.42
RW - 1	Manny	06/10/21	3512.54	29.65	-	23.17	0.00	3489.37
RW - 1	Manny	07/31/21	3512.54	-	-	23.21	0.00	3489.33
RW - 1	Manny	08/31/21	3512.54	-	-	23.37	0.00	3489.17
RW - 1	Manny	09/23/21	3512.54	29.64	-	23.34	0.00	3489.20
RW - 1	Manny	10/14/21	3512.54	-	-	23.42	0.00	3489.12
RW - 1	Manny	10/28/21	3512.54	-	-	23.45	0.00	3489.09
RW - 1	Manny	12/06/21	3512.54	29.69	-	23.54	0.00	3489.00
RW - 1	Manny	03/16/22	3512.54	29.68	-	23.41	0.00	3489.13
RW - 1	Manny	04/20/22	3512.54	-	-	23.40	0.00	3489.14
RW - 1	Manny	05/10/22	3512.54	29.63	-	23.49	0.00	3489.05
RW - 1	Manny	08/16/22	3512.54	29.60	-	23.79	0.00	3488.75
RW - 1	Manny	11/10/22	3512.54	29.70	-	23.65	0.00	3488.89
RW - 1	Manny	03/01/23	3512.54	29.62	-	23.32	0.00	3489.22
RW - 1	Manny	05/10/23	3512.54	29.69	-	23.22	0.00	3489.32
RW - 1	Manny	08/17/23	3512.54	29.69	-	23.84	0.00	3488.70
RW - 1	Manny	12/15/23	3512.54	29.67	-	23.55	0.00	3488.99
RW - 1	Manny	02/26/24	3512.54	29.61	-	23.36	0.00	3489.18
RW - 1	Manny	06/17/24	3512.54	29.69	-	23.66	0.00	3488.88
RW - 1	Manny	09/23/24	3512.54	29.63	-	24.14	0.00	3488.40
RW - 1	Manny	12/09/24	3512.54	29.61	-	23.98	0.00	3488.56
RW - 2		11/06/02	3507.45	-	-	20.20	0.00	3487.25
RW - 2		11/12/02	3507.45	-	-	19.81	0.00	3487.64

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		01/07/03	3507.45	-	-	19.61	0.00	3487.84
RW - 2		01/27/03	3507.45	-	-	19.48	0.00	3487.97
RW - 2		03/11/03	3507.45	-	19.44	19.45	0.01	3488.01
RW - 2		03/19/03	3507.45	-	19.21	19.50	0.29	3488.20
RW - 2		04/16/03	3507.45	-	19.51	19.52	0.01	3487.94
RW - 2		04/29/03	3507.45	-	19.39	19.41	0.02	3488.06
RW - 2		05/14/03	3507.45	-	19.63	19.78	0.15	3487.80
RW - 2		05/20/03	3507.45	-	19.81	19.86	0.05	3487.63
RW - 2		05/27/03	3507.45	-	-	19.79	0.00	3487.66
RW - 2		06/04/03	3507.45	-	19.64	19.65	0.01	3487.81
RW - 2		07/07/03	3507.45	-	20.12	20.13	0.01	3487.33
RW - 2		07/30/03	3507.45	-	-	20.21	0.00	3487.24
RW - 2		08/06/03	3507.45	-	-	20.44	0.00	3487.01
RW - 2		08/21/03	3507.45	-	sheen	20.56	0.00	3486.89
RW - 2		08/27/03	3507.45	-	-	20.93	0.00	3486.52
RW - 2		09/08/03	3507.45	-	-	20.47	0.00	3486.98
RW - 2		09/15/03	3507.45	-	-	20.70	0.00	3486.75
RW - 2		09/24/03	3507.45	-	-	20.82	0.00	3486.63
RW - 2		10/02/03	3507.45	-	-	20.71	0.00	3486.74
RW - 2		10/08/03	3507.45	-	-	20.52	0.00	3486.93
RW - 2		10/16/03	3507.45	-	-	20.92	0.00	3486.53
RW - 2		10/28/03	3507.45	-	-	21.00	0.00	3486.45
RW - 2		11/11/03	3507.45	-	-	21.09	0.00	3486.36
RW - 2		11/18/03	3507.45	-	-	20.96	0.00	3486.49
RW - 2		12/10/03	3507.45	-	20.53	20.68	0.15	3486.90
RW - 2		02/02/04	3507.45	-	-	20.92	0.00	3486.53
RW - 2		02/26/04	3507.45	-	-	20.49	0.00	3486.96
RW - 2		03/16/04	3507.45	-	-	20.74	0.00	3486.71
RW - 2		03/19/04	3507.45	-	-	20.71	0.00	3486.74
RW - 2		03/25/04	3507.45	-	-	20.69	0.00	3486.76
RW - 2		04/01/04	3507.45	-	-	20.56	0.00	3486.89
RW - 2		04/08/04	3507.45	-	-	20.57	0.00	3486.88
RW - 2		04/14/04	3507.45	-	-	19.60	0.00	3487.85
RW - 2		04/16/04	3507.45	-	-	19.80	0.00	3487.65
RW - 2		04/22/04	3507.45	-	-	19.06	0.00	3488.39
RW - 2		04/29/04	3507.45	-	-	19.11	0.00	3488.34
RW - 2		05/11/04	3507.45	-	-	19.46	0.00	3487.99
RW - 2		06/08/04	3507.45	-	19.42	19.43	0.01	3488.03
RW - 2		06/17/04	3507.45	-	-	19.38	0.00	3488.07
RW - 2		06/22/04	3507.45	-	-	19.44	0.00	3488.01
RW - 2		06/29/04	3507.45	-	-	19.41	0.00	3488.04
RW - 2		07/06/04	3507.45	-	19.21	19.41	0.20	3488.21
RW - 2		07/13/04	3507.45	-	19.26	19.43	0.17	3488.16
RW - 2		07/20/04	3507.45	-	19.46	19.89	0.43	3487.93
RW - 2		08/04/04	3507.45	-	19.48	19.88	0.40	3487.91
RW - 2		08/10/04	3507.45	-	19.46	19.87	0.41	3487.93
RW - 2		08/16/04	3507.45	-	19.77	20.03	0.26	3487.64
RW - 2		08/23/04	3507.45	-	sheen	19.54	0.00	3487.91
RW - 2		08/25/04	3507.45	-	19.45	19.87	0.42	3487.94
RW - 2		08/26/04	3507.45	-	19.55	19.97	0.42	3487.84
RW - 2		08/31/04	3507.45	-	sheen	19.58	0.00	3487.87
RW - 2		09/13/04	3507.45	-	sheen	20.03	0.00	3487.42
RW - 2		09/20/04	3507.45	-	sheen	20.02	0.00	3487.43
RW - 2		09/30/04	3507.45	-	sheen	20.00	0.00	3487.45
RW - 2		10/04/04	3507.45	-	sheen	19.47	0.00	3487.98
RW - 2		10/11/04	3507.45	-	18.95	18.97	0.02	3488.50
RW - 2		10/18/04	3507.45	-	sheen	19.10	0.00	3488.35
RW - 2		10/26/04	3507.45	-	sheen	19.22	0.00	3488.23
RW - 2		11/02/04	3507.45	-	19.03	19.10	0.07	3488.41
RW - 2		11/08/04	3507.45	-	sheen	19.16	0.00	3488.29
RW - 2		11/15/04	3507.45	-	18.95	19.15	0.20	3488.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		12/01/04	3507.45	-	18.87	19.26	0.39	3488.52
RW - 2		12/03/04	3507.45	-	18.87	19.26	0.39	3488.52
RW - 2		12/14/04	3507.45	-	sheen	18.80	0.00	3488.65
RW - 2		12/21/04	3507.45	-	sheen	18.78	0.00	3488.67
RW - 2		12/29/04	3507.45	-	sheen	18.81	0.00	3488.64
RW - 2		01/11/05	3507.45	-	sheen	18.69	0.00	3488.76
RW - 2		01/14/05	3507.45	-	sheen	18.65	0.00	3488.80
RW - 2		01/18/05	3507.45	-	sheen	18.69	0.00	3488.76
RW - 2		01/21/05	3507.45	-	sheen	18.64	0.00	3488.81
RW - 2		01/25/05	3507.45	-	sheen	18.60	0.00	3488.85
RW - 2		01/28/05	3507.45	-	sheen	18.55	0.00	3488.90
RW - 2		02/02/05	3507.45	-	sheen	18.53	0.00	3488.92
RW - 2		02/05/05	3507.45	-	sheen	18.50	0.00	3488.95
RW - 2		02/08/05	3507.45	-	sheen	18.47	0.00	3488.98
RW - 2		02/11/05	3507.45	-	sheen	18.50	0.00	3488.95
RW - 2		02/15/05	3507.45	-	sheen	18.66	0.00	3488.79
RW - 2		02/18/05	3507.45	-	sheen	18.64	0.00	3488.81
RW - 2		02/22/05	3507.45	-	sheen	18.42	0.00	3489.03
RW - 2		02/25/05	3507.45	-	sheen	18.49	0.00	3488.96
RW - 2		03/01/05	3507.45	-	sheen	18.43	0.00	3489.02
RW - 2		03/04/05	3507.45	-	sheen	18.35	0.00	3489.10
RW - 2		03/08/05	3507.45	-	-	18.33	0.00	3489.12
RW - 2		03/08/05	3507.45	-	sheen	18.33	0.00	3489.12
RW - 2		03/11/05	3507.45	-	sheen	18.36	0.00	3489.09
RW - 2		03/15/05	3507.45	-	sheen	18.31	0.00	3489.14
RW - 2		03/18/05	3507.45	-	sheen	18.30	0.00	3489.15
RW - 2		03/22/05	3507.45	-	sheen	18.21	0.00	3489.24
RW - 2		03/28/05	3507.45	-	sheen	18.25	0.00	3489.20
RW - 2		04/01/05	3507.45	-	sheen	18.26	0.00	3489.19
RW - 2		04/05/05	3507.45	-	sheen	18.15	0.00	3489.30
RW - 2		04/08/05	3507.45	-	sheen	18.18	0.00	3489.27
RW - 2		04/12/05	3507.45	-	sheen	18.18	0.00	3489.27
RW - 2		04/15/05	3507.45	-	sheen	18.16	0.00	3489.29
RW - 2		05/25/05	3507.45	-	sheen	18.00	0.00	3489.45
RW - 2		05/27/05	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		05/31/05	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		06/03/05	3507.45	-	sheen	17.88	0.00	3489.57
RW - 2		06/06/05	3507.45	-	sheen	17.86	0.00	3489.59
RW - 2		06/08/05	3507.45	-	sheen	17.86	0.00	3489.59
RW - 2		06/13/05	3507.45	-	sheen	17.86	0.00	3489.59
RW - 2		06/20/05	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		06/24/05	3507.45	-	sheen	17.96	0.00	3489.49
RW - 2		06/27/05	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		07/11/05	3507.45	-	17.91	17.92	0.01	3489.54
RW - 2		07/15/05	3507.45	-	sheen	17.95	0.00	3489.50
RW - 2		07/18/05	3507.45	-	sheen	18.10	0.00	3489.35
RW - 2		07/21/05	3507.45	-	sheen	18.13	0.00	3489.32
RW - 2		07/25/05	3507.45	-	sheen	18.24	0.00	3489.21
RW - 2		08/01/05	3507.45	-	sheen	18.13	0.00	3489.32
RW - 2		08/04/05	3507.45	-	sheen	18.15	0.00	3489.30
RW - 2		08/12/05	3507.45	-	sheen	18.26	0.00	3489.19
RW - 2		08/23/05	3507.45	-	17.97	18.03	0.06	3489.47
RW - 2		08/30/05	3507.45	-	17.95	18.00	0.05	3489.49
RW - 2		09/15/05	3507.45	-	17.99	18.11	0.12	3489.44
RW - 2		09/19/05	3507.45	-	17.98	18.13	0.15	3489.45
RW - 2		09/27/05	3507.45	-	17.96	18.13	0.17	3489.46
RW - 2		10/03/05	3507.45	-	17.99	18.20	0.21	3489.43
RW - 2		10/10/05	3507.45	-	18.00	18.17	0.17	3489.42
RW - 2		10/17/05	3507.45	-	17.89	18.00	0.11	3489.54
RW - 2		10/24/05	3507.45	-	17.86	17.97	0.11	3489.57
RW - 2		11/15/05	3507.45	-	17.95	18.04	0.09	3489.49

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		11/22/05	3507.45	-	17.86	18.08	0.22	3489.56
RW - 2		12/12/05	3507.45	-	17.78	17.91	0.13	3489.65
RW - 2		12/16/05	3507.45	-	17.78	17.90	0.12	3489.65
RW - 2		12/22/05	3507.45	-	17.81	17.93	0.12	3489.62
RW - 2		12/27/05	3507.45	-	17.82	18.03	0.21	3489.60
RW - 2		01/03/06	3507.45	-	17.80	18.00	0.20	3489.62
RW - 2		01/09/06	3507.45	-	17.85	18.11	0.26	3489.56
RW - 2		01/16/06	3507.45	-	17.80	17.93	0.13	3489.63
RW - 2		01/23/06	3507.45	-	17.85	17.97	0.12	3489.58
RW - 2		01/30/06	3507.45	-	17.89	17.95	0.06	3489.55
RW - 2		02/06/06	3507.45	-	17.75	17.95	0.20	3489.67
RW - 2		02/14/06	3507.45	-	17.85	17.99	0.14	3489.58
RW - 2		02/21/06	3507.45	-	17.73	17.97	0.24	3489.68
RW - 2		03/01/06	3507.45	-	17.73	18.00	0.27	3489.68
RW - 2		03/06/06	3507.45	-	17.75	17.90	0.15	3489.68
RW - 2		03/16/06	3507.45	-	17.89	18.18	0.29	3489.52
RW - 2		03/21/06	3507.45	-	17.81	18.08	0.27	3489.60
RW - 2		03/28/06	3507.45	-	17.83	18.04	0.21	3489.59
RW - 2		04/03/06	3507.45	-	17.75	17.84	0.09	3489.69
RW - 2		04/10/06	3507.45	-	17.66	17.71	0.05	3489.78
RW - 2		04/17/06	3507.45	-	17.65	17.73	0.08	3489.79
RW - 2		05/01/06	3507.45	-	17.71	17.75	0.04	3489.73
RW - 2		05/08/06	3507.45	-	17.73	17.95	0.22	3489.69
RW - 2		05/15/06	3507.45	-	17.80	17.91	0.11	3489.63
RW - 2		05/30/06	3507.45	-	17.90	18.07	0.17	3489.52
RW - 2		06/05/06	3507.45	-	18.02	18.76	0.74	3489.32
RW - 2		06/12/06	3507.45	-	18.21	18.36	0.15	3489.22
RW - 2		06/15/06	3507.45	-	18.12	18.19	0.07	3489.32
RW - 2		06/19/06	3507.45	-	18.21	18.31	0.10	3489.23
RW - 2		07/03/06	3507.45	-	18.21	18.32	0.11	3489.22
RW - 2		07/10/06	3507.45	-	18.31	18.35	0.04	3489.13
RW - 2		07/17/06	3507.45	-	sheen	18.13	0.00	3489.32
RW - 2		07/26/06	3507.45	-	18.30	18.35	0.05	3489.14
RW - 2		07/31/06	3507.45	-	18.29	18.34	0.05	3489.15
RW - 2		08/07/06	3507.45	-	18.38	18.64	0.26	3489.03
RW - 2		08/17/06	3507.45	-	17.19	17.25	0.06	3490.25
RW - 2		08/21/06	3507.45	-	sheen	18.18	0.00	3489.27
RW - 2		09/06/06	3507.45	-	17.88	17.92	0.04	3489.56
RW - 2		09/11/06	3507.45	-	17.86	17.98	0.12	3489.57
RW - 2		09/18/06	3507.45	-	17.84	17.93	0.09	3489.60
RW - 2		09/25/06	3507.45	-	17.90	18.35	0.45	3489.48
RW - 2		10/02/06	3507.45	-	17.88	18.32	0.44	3489.50
RW - 2		10/09/06	3507.45	-	17.95	18.52	0.57	3489.41
RW - 2		10/17/06	3507.45	-	17.90	18.40	0.50	3489.48
RW - 2		10/23/06	3507.45	-	17.93	18.05	0.12	3489.50
RW - 2		10/30/06	3507.45	-	17.91	18.03	0.12	3489.52
RW - 2		11/06/06	3507.45	-	18.00	18.10	0.10	3489.44
RW - 2		11/13/06	3507.45	-	18.01	18.07	0.06	3489.43
RW - 2		11/20/06	3507.45	-	17.94	18.05	0.11	3489.49
RW - 2		11/27/06	3507.45	-	17.99	18.05	0.06	3489.45
RW - 2		11/30/06	3507.45	-	17.97	18.17	0.20	3489.45
RW - 2		12/04/06	3507.45	-	17.96	18.01	0.05	3489.48
RW - 2		12/12/06	3507.45	-	17.99	18.19	0.20	3489.43
RW - 2		12/18/06	3507.45	-	17.89	18.00	0.11	3489.54
RW - 2		01/02/07	3507.45	-	17.85	18.00	0.15	3489.58
RW - 2		01/11/07	3507.45	-	17.88	17.93	0.05	3489.56
RW - 2		01/18/07	3507.45	-	17.82	18.10	0.28	3489.59
RW - 2		01/22/07	3507.45	-	17.82	18.05	0.23	3489.60
RW - 2		02/05/07	3507.45	-	17.82	17.93	0.11	3489.61
RW - 2		02/12/07	3507.45	-	17.72	17.78	0.06	3489.72
RW - 2		02/19/07	3507.45	-	17.74	17.80	0.06	3489.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		02/27/07	3507.45	-	17.79	18.06	0.27	3489.62
RW - 2		03/05/07	3507.45	-	17.84	18.18	0.34	3489.56
RW - 2		03/12/07	3507.45	-	17.85	17.86	0.01	3489.60
RW - 2		03/19/07	3507.45	-	17.82	17.86	0.04	3489.62
RW - 2		04/02/07	3507.45	-	17.71	17.92	0.21	3489.71
RW - 2		04/09/07	3507.45	-	17.66	17.71	0.05	3489.78
RW - 2		05/01/07	3507.45	-	17.65	17.67	0.02	3489.80
RW - 2		05/12/07	3507.45	-	17.66	17.67	0.01	3489.79
RW - 2		05/17/07	3507.45	-	17.54	17.55	0.01	3489.91
RW - 2		05/21/07	3507.45	-	17.50	17.53	0.03	3489.95
RW - 2		05/22/07	3507.45	-	17.50	17.53	0.03	3489.95
RW - 2		06/01/07	3507.45	-	16.76	17.03	0.27	3490.65
RW - 2		06/06/07	3507.45	-	17.49	17.56	0.07	3489.95
RW - 2		06/11/07	3507.45	-	17.61	18.64	1.03	3489.69
RW - 2		06/19/07	3507.45	-	17.68	17.69	0.01	3489.77
RW - 2		06/25/07	3507.45	-	sheen	17.70	0.00	3489.75
RW - 2		07/03/07	3507.45	-	sheen	17.94	0.00	3489.51
RW - 2		07/18/07	3507.45	-	18.00	18.06	0.06	3489.44
RW - 2		07/23/07	3507.45	-	18.07	18.20	0.13	3489.36
RW - 2		07/31/07	3507.45	-	sheen	18.35	0.00	3489.10
RW - 2		08/15/07	3507.45	-	sheen	18.26	0.00	3489.19
RW - 2		09/24/07	3507.45	-	sheen	18.14	0.00	3489.31
RW - 2		11/05/07	3507.45	-	sheen	18.17	0.00	3489.28
RW - 2		11/06/07	3507.45	-	sheen	18.19	0.00	3489.26
RW - 2		11/12/07	3507.45	-	sheen	18.17	0.00	3489.28
RW - 2		11/30/07	3507.45	-	sheen	18.21	0.00	3489.24
RW - 2		12/14/07	3507.45	-	sheen	18.08	0.00	3489.37
RW - 2		01/09/08	3507.45	-	sheen	17.94	0.00	3489.51
RW - 2		01/16/08	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		01/21/08	3507.45	-	sheen	18.01	0.00	3489.44
RW - 2		01/30/08	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		02/08/08	3507.45	-	sheen	17.92	0.00	3489.53
RW - 2		02/12/08	3507.45	-	17.88	17.89	0.01	3489.57
RW - 2		02/14/08	3507.45	-	sheen	17.97	0.00	3489.48
RW - 2		02/20/08	3507.45	-	sheen	17.88	0.00	3489.57
RW - 2		02/28/08	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		03/05/08	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		03/13/08	3507.45	-	sheen	17.96	0.00	3489.49
RW - 2		03/19/08	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		03/24/08	3507.45	-	sheen	18.92	0.00	3488.53
RW - 2		04/02/08	3507.45	-	sheen	17.90	0.00	3489.55
RW - 2		04/14/08	3507.45	-	sheen	17.92	0.00	3489.53
RW - 2		05/07/08	3507.45	-	sheen	17.87	0.00	3489.58
RW - 2		05/13/08	3507.45	-	sheen	17.86	0.00	3489.59
RW - 2		05/14/08	3507.45	-	sheen	17.97	0.00	3489.48
RW - 2		06/09/08	3507.45	-	sheen	18.14	0.00	3489.31
RW - 2		06/16/08	3507.45	-	sheen	17.84	0.00	3489.61
RW - 2		06/23/08	3507.45	-	sheen	18.32	0.00	3489.13
RW - 2		06/30/08	3507.45	-	18.45	18.52	0.07	3488.99
RW - 2		07/14/08	3507.45	-	sheen	18.56	0.00	3488.89
RW - 2		07/29/08	3507.45	-	sheen	18.59	0.00	3488.86
RW - 2		08/04/08	3507.45	-	sheen	18.61	0.00	3488.84
RW - 2		08/14/08	3507.45	-	sheen	18.60	0.00	3488.85
RW - 2		08/18/08	3507.45	-	sheen	18.74	0.00	3488.71
RW - 2		08/28/08	3507.45	-	sheen	18.63	0.00	3488.82
RW - 2		09/17/08	3507.45	-	sheen	18.45	0.00	3489.00
RW - 2		09/29/08	3507.45	-	sheen	18.35	0.00	3489.10
RW - 2		10/06/08	3507.45	-	sheen	18.30	0.00	3489.15
RW - 2		10/13/08	3507.45	-	sheen	18.41	0.00	3489.04
RW - 2		10/20/08	3507.45	-	sheen	18.23	0.00	3489.22
RW - 2		10/29/08	3507.45	-	sheen	18.15	0.00	3489.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		11/06/08	3507.45	-	sheen	18.25	0.00	3489.20
RW - 2		11/12/08	3507.45	-	sheen	18.28	0.00	3489.17
RW - 2		11/13/08	3507.45	-	sheen	18.28	0.00	3489.17
RW - 2		12/22/08	3507.45	-	sheen	18.23	0.00	3489.22
RW - 2		01/06/09	3507.45	-	-	18.19	0.00	3489.26
RW - 2		01/12/09	3507.45	-	-	18.12	0.00	3489.33
RW - 2		01/19/09	3507.45	-	-	18.07	0.00	3489.38
RW - 2		01/26/09	3507.45	-	-	18.08	0.00	3489.37
RW - 2		02/10/09	3507.45	-	-	18.13	0.00	3489.32
RW - 2		02/13/09	3507.45	-	-	18.12	0.00	3489.33
RW - 2		02/16/09	3507.45	-	-	18.08	0.00	3489.37
RW - 2		02/24/09	3507.45	-	-	18.13	0.00	3489.32
RW - 2		03/02/09	3507.45	-	-	18.07	0.00	3489.38
RW - 2		03/05/09	3507.45	-	-	18.09	0.00	3489.36
RW - 2		03/09/09	3507.45	-	-	18.06	0.00	3489.39
RW - 2		03/16/09	3507.45	-	-	18.04	0.00	3489.41
RW - 2		03/19/09	3507.45	-	-	18.09	0.00	3489.36
RW - 2		03/25/09	3507.45	-	-	18.09	0.00	3489.36
RW - 2		03/30/09	3507.45	-	-	18.09	0.00	3489.36
RW - 2		04/13/09	3507.45	-	-	18.02	0.00	3489.43
RW - 2		04/16/09	3507.45	-	-	18.11	0.00	3489.34
RW - 2		04/21/09	3507.45	-	-	18.13	0.00	3489.32
RW - 2		04/27/09	3507.45	-	-	18.08	0.00	3489.37
RW - 2		04/30/09	3507.45	-	-	18.15	0.00	3489.30
RW - 2		05/06/09	3507.45	-	-	18.17	0.00	3489.28
RW - 2		05/12/09	3507.45	-	-	17.92	0.00	3489.53
RW - 2		05/19/09	3507.45	-	-	18.08	0.00	3489.37
RW - 2		05/26/09	3507.45	-	-	18.10	0.00	3489.35
RW - 2		06/01/09	3507.45	-	-	18.37	0.00	3489.08
RW - 2		06/12/09	3507.45	-	-	18.23	0.00	3489.22
RW - 2		06/15/09	3507.45	-	-	18.43	0.00	3489.02
RW - 2		06/22/09	3507.45	-	-	18.40	0.00	3489.05
RW - 2		06/24/09	3507.45	-	-	18.40	0.00	3489.05
RW - 2		06/29/09	3507.45	-	-	18.48	0.00	3488.97
RW - 2		07/06/09	3507.45	-	-	18.51	0.00	3488.94
RW - 2		07/09/09	3507.45	-	-	18.08	0.00	3489.37
RW - 2		07/13/09	3507.45	-	-	18.10	0.00	3489.35
RW - 2		07/20/09	3507.45	-	-	18.12	0.00	3489.33
RW - 2		07/23/09	3507.45	-	-	18.67	0.00	3488.78
RW - 2		07/27/09	3507.45	-	-	18.68	0.00	3488.77
RW - 2		07/29/09	3507.45	-	-	18.28	0.00	3489.17
RW - 2		08/03/09	3507.45	-	-	18.45	0.00	3489.00
RW - 2		08/10/09	3507.45	-	-	18.53	0.00	3488.92
RW - 2		08/10/09	3507.45	-	-	18.53	0.00	3488.92
RW - 2		08/18/09	3507.45	-	-	18.74	0.00	3488.71
RW - 2		08/24/09	3507.45	-	-	18.71	0.00	3488.74
RW - 2		08/28/09	3507.45	-	-	18.73	0.00	3488.72
RW - 2		08/31/09	3507.45	-	-	18.74	0.00	3488.71
RW - 2		09/02/09	3507.45	-	-	18.76	0.00	3488.69
RW - 2		09/08/09	3507.45	-	-	18.85	0.00	3488.60
RW - 2		09/10/09	3507.45	-	-	18.82	0.00	3488.63
RW - 2		09/16/09	3507.45	-	-	18.84	0.00	3488.61
RW - 2		09/18/09	3507.45	-	-	18.82	0.00	3488.63
RW - 2		09/22/09	3507.45	-	-	18.94	0.00	3488.51
RW - 2		09/28/09	3507.45	-	-	18.75	0.00	3488.70
RW - 2		10/09/09	3507.45	-	-	18.93	0.00	3488.52
RW - 2		10/12/09	3507.45	-	-	18.12	0.00	3489.33
RW - 2		10/20/09	3507.45	-	-	18.99	0.00	3488.46
RW - 2		10/26/09	3507.45	-	-	18.13	0.00	3489.32
RW - 2		10/28/09	3507.45	-	-	18.95	0.00	3488.50
RW - 2		11/03/09	3507.45	-	-	18.93	0.00	3488.52

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		11/12/09	3507.45	-	-	18.92	0.00	3488.53
RW - 2		11/18/09	3507.45	-	-	18.98	0.00	3488.47
RW - 2		12/03/09	3507.45	-	sheen	18.89	0.00	3488.56
RW - 2		12/11/09	3507.45	-	sheen	18.86	0.00	3488.59
RW - 2		12/16/09	3507.45	-	sheen	18.79	0.00	3488.66
RW - 2		12/21/09	3507.45	-	sheen	18.91	0.00	3488.54
RW - 2		12/28/09	3507.45	-	sheen	19.02	0.00	3488.43
RW - 2		01/04/09	3507.45	-	sheen	18.89	0.00	3488.56
RW - 2		01/14/10	3507.45	-	sheen	18.85	0.00	3488.60
RW - 2		01/20/10	3507.45	-	sheen	18.71	0.00	3488.74
RW - 2		01/25/10	3507.45	-	sheen	18.94	0.00	3488.51
RW - 2		01/27/10	3507.45	-	sheen	18.70	0.00	3488.75
RW - 2		02/01/10	3507.45	-	sheen	18.64	0.00	3488.81
RW - 2		02/08/10	3507.45	-	sheen	18.72	0.00	3488.73
RW - 2		02/09/10	3507.45	-	sheen	18.80	0.00	3488.65
RW - 2		02/19/10	3507.45	-	sheen	18.61	0.00	3488.84
RW - 2		02/26/10	3507.45	-	sheen	18.64	0.00	3488.81
RW - 2		03/01/10	3507.45	-	sheen	18.94	0.00	3488.51
RW - 2		03/04/10	3507.45	-	sheen	18.65	0.00	3488.80
RW - 2		03/08/10	3507.45	-	sheen	18.66	0.00	3488.79
RW - 2		03/11/10	3507.45	-	sheen	18.48	0.00	3488.97
RW - 2		03/15/10	3507.45	-	sheen	18.66	0.00	3488.79
RW - 2		03/17/10	3507.45	-	sheen	18.52	0.00	3488.93
RW - 2		03/22/10	3507.45	-	sheen	18.43	0.00	3489.02
RW - 2		03/29/10	3507.45	-	sheen	18.40	0.00	3489.05
RW - 2		04/05/10	3507.45	-	sheen	18.49	0.00	3488.96
RW - 2		04/14/10	3507.45	-	sheen	18.49	0.00	3488.96
RW - 2		04/16/10	3507.45	-	sheen	18.39	0.00	3489.06
RW - 2		04/19/10	3507.45	-	sheen	18.46	0.00	3488.99
RW - 2		04/28/10	3507.45	-	sheen	18.38	0.00	3489.07
RW - 2		05/05/10	3507.45	-	sheen	18.29	0.00	3489.16
RW - 2		05/12/10	3507.45	-	sheen	18.35	0.00	3489.10
RW - 2		05/14/10	3507.45	-	sheen	18.37	0.00	3489.08
RW - 2		05/21/10	3507.45	-	sheen	18.37	0.00	3489.08
RW - 2		05/26/10	3507.45	-	sheen	18.36	0.00	3489.09
RW - 2		06/04/10	3507.45	-	sheen	18.39	0.00	3489.06
RW - 2		06/07/10	3507.45	-	sheen	18.53	0.00	3488.92
RW - 2		06/12/10	3507.45	-	sheen	18.53	0.00	3488.92
RW - 2		06/24/10	3507.45	-	sheen	18.66	0.00	3488.79
RW - 2		07/07/10	3507.45	-	sheen	18.12	0.00	3489.33
RW - 2		07/12/10	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		07/19/10	3507.45	-	sheen	17.95	0.00	3489.50
RW - 2		07/26/10	3507.45	-	-	-	-	-
RW - 2		08/03/10	3507.45	-	-	17.99	0.00	3489.46
RW - 2		08/11/10	3507.45	-	sheen	18.01	0.00	3489.44
RW - 2		08/19/10	3507.45	-	sheen	17.89	0.00	3489.56
RW - 2		08/25/10	3507.45	-	sheen	17.99	0.00	3489.46
RW - 2		09/01/10	3507.45	-	sheen	18.09	0.00	3489.36
RW - 2		09/09/10	3507.45	-	sheen	18.14	0.00	3489.31
RW - 2		09/13/10	3507.45	-	sheen	18.01	0.00	3489.44
RW - 2		09/29/10	3507.45	-	sheen	18.30	0.00	3489.15
RW - 2		10/05/10	3507.45	-	sheen	18.03	0.00	3489.42
RW - 2		10/20/10	3507.45	-	sheen	18.07	0.00	3489.38
RW - 2		10/25/10	3507.45	-	sheen	18.08	0.00	3489.37
RW - 2		11/03/10	3507.45	-	sheen	17.98	0.00	3489.47
RW - 2		11/10/10	3507.45	-	sheen	18.40	0.00	3489.05
RW - 2		11/12/10	3507.45	-	sheen	18.40	0.00	3489.05
RW - 2		12/09/10	3507.45	-	sheen	18.03	0.00	3489.42
RW - 2		01/18/11	3507.45	-	sheen	18.40	0.00	3489.05
RW - 2		02/16/11	3507.45	-	sheen	18.42	0.00	3489.03
RW - 2		03/01/11	3507.45	-	sheen	18.26	0.00	3489.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 2		03/07/11	3507.45	-	sheen	18.20	0.00	3489.25
RW - 2		03/22/11	3507.45	-	sheen	18.42	0.00	3489.03
RW - 2		04/27/11	3507.45	-	sheen	18.28	0.00	3489.17
RW - 2		05/05/11	3507.45	-	sheen	18.30	0.00	3489.15
RW - 2		05/19/11	3507.45	-	sheen	18.46	0.00	3488.99
RW - 2		06/08/11	3507.45	-	sheen	18.63	0.00	3488.82
RW - 2		07/06/11	3507.45	-	sheen	18.77	0.00	3488.68
RW - 2		07/14/11	3507.45	-	sheen	18.89	0.00	3488.56
RW - 2		07/20/11	3507.45	-	-	18.83	0.00	3488.62
RW - 2		07/27/11	3507.45	-	-	18.93	0.00	3488.52
RW - 2		08/03/11	3507.45	-	-	18.84	0.00	3488.61
RW - 2		08/10/11	3507.45	-	-	19.07	0.00	3488.38
RW - 2		08/18/11	3507.45	-	-	18.88	0.00	3488.57
RW - 2		08/25/11	3507.45	-	-	18.92	0.00	3488.53
RW - 2		09/07/11	3507.45	-	-	19.00	0.00	3488.45
RW - 2		09/14/11	3507.45	-	-	19.17	0.00	3488.28
RW - 2		11/14/11	3507.45	-	-	19.06	0.00	3488.39
RW - 2		12/01/11	3507.45	-	-	18.99	0.00	3488.46
RW - 2		12/08/11	3507.45	-	-	19.02	0.00	3488.43
RW - 2		12/14/11	3507.45	-	-	18.91	0.00	3488.54
RW - 2		01/12/12	3507.45	-	-	18.98	0.00	3488.47
RW - 2		01/19/12	3507.45	-	-	18.90	0.00	3488.55
RW - 2		02/03/12	3507.45	-	-	18.88	0.00	3488.57
RW - 2		02/29/12	3507.45	-	-	18.71	0.00	3488.74
RW - 2		05/02/12	3507.45	-	-	18.62	0.00	3488.83
RW - 2		12/06/12	3507.45	Dry	-	-	-	-
RW - 2		12/11/12	3507.45	Dry	-	-	-	-
RW - 2		12/18/12	3507.45	Dry	-	-	-	-
RW - 2		01/09/13	3507.45	Dry	-	-	-	-
RW - 2		01/15/13	3507.45	Dry	-	-	-	-
RW - 2		01/23/13	3507.45	Dry	-	-	-	-
RW - 2		01/29/13	3507.45	Dry	-	-	-	-
RW - 2		02/07/13	3507.45	Dry	-	-	-	-
RW - 2		02/20/13	3507.45	Dry	-	-	-	-
RW - 2		04/30/13	3507.45	Dry	-	-	-	-
RW - 2		02/04/14	P&A	-	-	-	-	-
RW - 3		11/06/02	3507.86	-	-	21.20	0.00	3486.66
RW - 3		11/12/02	3507.86	-	-	20.13	0.00	3487.73
RW - 3		01/07/03	3507.86	-	-	19.90	0.00	3487.96
RW - 3		01/27/03	3507.86	-	-	19.83	0.00	3488.03
RW - 3		03/11/03	3507.86	-	-	19.78	0.00	3488.08
RW - 3		03/19/03	3507.86	-	-	19.78	0.00	3488.08
RW - 3		04/16/03	3507.86	-	-	19.67	0.00	3488.19
RW - 3		04/29/03	3507.86	-	-	18.75	0.00	3489.11
RW - 3		05/14/03	3507.86	-	19.89	19.90	0.01	3487.97
RW - 3		05/20/03	3507.86	-	-	20.04	0.00	3487.82
RW - 3		05/27/03	3507.86	-	-	20.04	0.00	3487.82
RW - 3		06/04/03	3507.86	-	-	19.96	0.00	3487.90
RW - 3		07/07/03	3507.86	-	-	20.44	0.00	3487.42
RW - 3		07/30/03	3507.86	-	-	20.48	0.00	3487.38
RW - 3		08/06/03	3507.86	-	-	20.71	0.00	3487.15
RW - 3		08/21/03	3507.86	-	sheen	20.88	0.00	3486.98
RW - 3		08/26/03	3507.86	-	-	20.86	0.00	3487.00
RW - 3		09/08/03	3507.86	-	-	20.86	0.00	3487.00
RW - 3		09/15/03	3507.86	-	-	20.81	0.00	3487.05
RW - 3		09/24/03	3507.86	-	-	21.13	0.00	3486.73
RW - 3		10/02/03	3507.86	-	-	20.98	0.00	3486.88
RW - 3		10/08/03	3507.86	-	-	20.87	0.00	3486.99
RW - 3		10/16/03	3507.86	-	-	21.18	0.00	3486.68
RW - 3		10/28/03	3507.86	-	-	21.25	0.00	3486.61

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		11/11/03	3507.86	-	-	21.32	0.00	3486.54
RW - 3		11/18/03	3507.86	-	-	21.12	0.00	3486.74
RW - 3		12/10/03	3507.86	-	20.85	20.96	0.11	3486.99
RW - 3		02/02/04	3507.86	-	-	21.17	0.00	3486.69
RW - 3		02/11/04	3507.86	-	-	20.68	0.00	3487.18
RW - 3		02/26/04	3507.86	-	-	20.79	0.00	3487.07
RW - 3		03/16/04	3507.86	-	-	21.00	0.00	3486.86
RW - 3		03/19/04	3507.86	-	-	20.94	0.00	3486.92
RW - 3		03/25/04	3507.86	-	-	20.95	0.00	3486.91
RW - 3		04/01/04	3507.86	-	-	20.91	0.00	3486.95
RW - 3		04/08/04	3507.86	-	-	20.72	0.00	3487.14
RW - 3		04/14/04	3507.86	-	-	20.13	0.00	3487.73
RW - 3		04/16/04	3507.86	-	-	20.24	0.00	3487.62
RW - 3		04/22/04	3507.86	-	-	19.44	0.00	3488.42
RW - 3		04/29/04	3507.86	-	-	19.45	0.00	3488.41
RW - 3		05/11/04	3507.86	-	-	19.48	0.00	3488.38
RW - 3		06/08/04	3507.86	-	-	19.64	0.00	3488.22
RW - 3		06/17/04	3507.86	-	-	19.59	0.00	3488.27
RW - 3		06/22/04	3507.86	-	-	19.62	0.00	3488.24
RW - 3		06/29/04	3507.86	-	-	19.58	0.00	3488.28
RW - 3		07/06/04	3507.86	-	-	19.56	0.00	3488.30
RW - 3		07/13/04	3507.86	-	-	19.59	0.00	3488.27
RW - 3		07/20/04	3507.86	-	-	19.78	0.00	3488.08
RW - 3		08/04/04	3507.86	-	-	19.81	0.00	3488.05
RW - 3		08/10/04	3507.86	-	-	19.80	0.00	3488.06
RW - 3		08/16/04	3507.86	-	sheen	19.92	0.00	3487.94
RW - 3		08/23/04	3507.86	-	sheen	19.58	0.00	3488.28
RW - 3		08/25/04	3507.86	-	-	19.85	0.00	3488.01
RW - 3		08/26/04	3507.86	-	sheen	19.83	0.00	3488.03
RW - 3		08/31/04	3507.86	-	sheen	19.90	0.00	3487.96
RW - 3		09/13/04	3507.86	-	sheen	20.00	0.00	3487.86
RW - 3		09/20/04	3507.86	-	sheen	20.03	0.00	3487.83
RW - 3		09/30/04	3507.86	-	sheen	20.01	0.00	3487.85
RW - 3		10/04/04	3507.86	-	sheen	19.48	0.00	3488.38
RW - 3		10/11/04	3507.86	-	sheen	19.25	0.00	3488.61
RW - 3		10/18/04	3507.86	-	sheen	19.25	0.00	3488.61
RW - 3		10/26/04	3507.86	-	sheen	19.30	0.00	3488.56
RW - 3		11/02/04	3507.86	-	sheen	19.33	0.00	3488.53
RW - 3		11/08/04	3507.86	-	sheen	19.30	0.00	3488.56
RW - 3		11/15/04	3507.86	-	sheen	19.19	0.00	3488.67
RW - 3		12/01/04	3507.86	-	sheen	19.23	0.00	3488.63
RW - 3		12/03/04	3507.86	-	sheen	19.23	0.00	3488.63
RW - 3		12/14/04	3507.86	-	sheen	19.12	0.00	3488.74
RW - 3		12/21/04	3507.86	-	sheen	19.09	0.00	3488.77
RW - 3		12/29/04	3507.86	-	sheen	19.00	0.00	3488.86
RW - 3		01/11/05	3507.86	-	sheen	18.95	0.00	3488.91
RW - 3		01/14/05	3507.86	-	sheen	18.94	0.00	3488.92
RW - 3		01/18/05	3507.86	-	sheen	18.93	0.00	3488.93
RW - 3		01/21/05	3507.86	-	sheen	18.90	0.00	3488.96
RW - 3		01/25/05	3507.86	-	sheen	18.88	0.00	3488.98
RW - 3		01/28/05	3507.86	-	sheen	18.91	0.00	3488.95
RW - 3		02/02/05	3507.86	-	sheen	18.80	0.00	3489.06
RW - 3		02/05/05	3507.86	-	sheen	18.74	0.00	3489.12
RW - 3		02/08/05	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		02/11/05	3507.86	-	sheen	18.76	0.00	3489.10
RW - 3		02/15/05	3507.86	-	sheen	18.74	0.00	3489.12
RW - 3		02/18/05	3507.86	-	sheen	18.71	0.00	3489.15
RW - 3		02/22/05	3507.86	-	sheen	18.68	0.00	3489.18
RW - 3		02/25/05	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		03/01/05	3507.86	-	sheen	18.68	0.00	3489.18
RW - 3		03/04/05	3507.86	-	sheen	18.65	0.00	3489.21

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		03/08/05	3507.86	-	sheen	18.60	0.00	3489.26
RW - 3		03/08/05	3507.86	-	sheen	18.60	0.00	3489.26
RW - 3		03/11/05	3507.86	-	sheen	18.62	0.00	3489.24
RW - 3		03/15/05	3507.86	-	sheen	18.59	0.00	3489.27
RW - 3		03/18/05	3507.86	-	sheen	18.60	0.00	3489.26
RW - 3		03/22/05	3507.86	-	sheen	18.54	0.00	3489.32
RW - 3		03/28/05	3507.86	-	sheen	18.46	0.00	3489.40
RW - 3		04/01/05	3507.86	-	sheen	18.49	0.00	3489.37
RW - 3		04/05/05	3507.86	-	sheen	18.43	0.00	3489.43
RW - 3		04/08/05	3507.86	-	sheen	18.45	0.00	3489.41
RW - 3		04/12/05	3507.86	-	sheen	18.43	0.00	3489.43
RW - 3		04/15/05	3507.86	-	sheen	18.41	0.00	3489.45
RW - 3		05/25/05	3507.86	-	sheen	18.79	0.00	3489.07
RW - 3		05/27/05	3507.86	-	sheen	18.79	0.00	3489.07
RW - 3		05/31/05	3507.86	-	sheen	18.15	0.00	3489.71
RW - 3		06/03/05	3507.86	-	sheen	18.14	0.00	3489.72
RW - 3		06/06/05	3507.86	-	sheen	18.13	0.00	3489.73
RW - 3		06/08/05	3507.86	-	sheen	18.13	0.00	3489.73
RW - 3		06/13/05	3507.86	-	sheen	18.14	0.00	3489.72
RW - 3		06/20/05	3507.86	-	sheen	18.18	0.00	3489.68
RW - 3		06/24/05	3507.86	-	sheen	18.19	0.00	3489.67
RW - 3		06/27/05	3507.86	-	sheen	18.21	0.00	3489.65
RW - 3		07/11/05	3507.86	-	sheen	17.83	0.00	3490.03
RW - 3		07/15/05	3507.86	-	sheen	17.87	0.00	3489.99
RW - 3		07/18/05	3507.86	-	sheen	18.37	0.00	3489.49
RW - 3		07/21/05	3507.86	-	sheen	18.40	0.00	3489.46
RW - 3		07/25/05	3507.86	-	sheen	18.49	0.00	3489.37
RW - 3		08/01/05	3507.86	-	sheen	18.51	0.00	3489.35
RW - 3		08/04/05	3507.86	-	sheen	18.53	0.00	3489.33
RW - 3		08/12/05	3507.86	-	sheen	18.61	0.00	3489.25
RW - 3		08/15/05	3507.86	-	18.48	18.49	0.01	3489.38
RW - 3		08/23/05	3507.86	-	sheen	18.30	0.00	3489.56
RW - 3		08/30/05	3507.86	-	sheen	18.25	0.00	3489.61
RW - 3		09/06/05	3507.86	-	18.27	18.28	0.01	3489.59
RW - 3		09/13/05	3507.86	-	18.26	18.28	0.02	3489.60
RW - 3		09/15/05	3507.86	-	18.29	18.30	0.01	3489.57
RW - 3		09/19/05	3507.86	-	18.28	18.29	0.01	3489.58
RW - 3		09/27/05	3507.86	-	18.26	18.27	0.01	3489.60
RW - 3		10/03/05	3507.86	-	18.28	18.30	0.02	3489.58
RW - 3		10/08/05	3507.86	-	sheen	18.39	0.00	3489.47
RW - 3		10/10/05	3507.86	-	18.30	18.31	0.01	3489.56
RW - 3		10/17/05	3507.86	-	sheen	18.17	0.00	3489.69
RW - 3		10/24/05	3507.86	-	18.19	18.20	0.01	3489.67
RW - 3		10/31/05	3507.86	-	sheen	18.22	0.00	3489.64
RW - 3		11/15/05	3507.86	-	sheen	18.21	0.00	3489.65
RW - 3		11/22/05	3507.86	-	sheen	18.15	0.00	3489.71
RW - 3		11/27/05	3507.86	-	18.18	18.19	0.01	3489.68
RW - 3		12/07/05	3507.86	-	18.15	18.16	0.01	3489.71
RW - 3		12/12/05	3507.86	-	18.13	18.17	0.04	3489.72
RW - 3		12/16/05	3507.86	-	18.11	18.20	0.09	3489.74
RW - 3		12/22/05	3507.86	-	18.13	18.22	0.09	3489.72
RW - 3		12/27/05	3507.86	-	18.12	18.13	0.01	3489.74
RW - 3		01/03/06	3507.86	-	18.10	18.12	0.02	3489.76
RW - 3		01/09/06	3507.86	-	18.17	18.18	0.01	3489.69
RW - 3		01/16/06	3507.86	-	18.10	18.11	0.01	3489.76
RW - 3		01/23/06	3507.86	-	sheen	18.13	0.00	3489.73
RW - 3		01/30/06	3507.86	-	sheen	18.14	0.00	3489.72
RW - 3		02/06/06	3507.86	-	sheen	18.14	0.00	3489.72
RW - 3		02/14/06	3507.86	-	sheen	18.10	0.00	3489.76
RW - 3		02/21/06	3507.86	-	sheen	18.11	0.00	3489.75
RW - 3		03/01/06	3507.86	-	sheen	18.09	0.00	3489.77

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		03/06/06	3507.86	-	sheen	18.10	0.00	3489.76
RW - 3		03/15/06	3507.86	-	sheen	18.09	0.00	3489.77
RW - 3		03/16/06	3507.86	-	18.13	18.14	0.01	3489.73
RW - 3		03/21/06	3507.86	-	sheen	18.11	0.00	3489.75
RW - 3		03/28/06	3507.86	-	sheen	18.12	0.00	3489.74
RW - 3		04/03/06	3507.86	-	sheen	18.06	0.00	3489.80
RW - 3		04/10/06	3507.86	-	sheen	18.05	0.00	3489.81
RW - 3		04/17/06	3507.86	-	sheen	18.02	0.00	3489.84
RW - 3		05/01/06	3507.86	-	sheen	18.01	0.00	3489.85
RW - 3		05/08/06	3507.86	-	sheen	18.03	0.00	3489.83
RW - 3		05/15/06	3507.86	-	sheen	18.13	0.00	3489.73
RW - 3		06/05/06	3507.86	-	sheen	17.43	0.00	3490.43
RW - 3		06/12/06	3507.86	-	sheen	18.44	0.00	3489.42
RW - 3		06/15/06	3507.86	-	18.43	18.51	0.08	3489.42
RW - 3		06/19/06	3507.86	-	sheen	18.56	0.00	3489.30
RW - 3		07/03/06	3507.86	-	sheen	18.72	0.00	3489.14
RW - 3		07/10/06	3507.86	-	sheen	18.70	0.00	3489.16
RW - 3		07/17/06	3507.86	-	sheen	18.45	0.00	3489.41
RW - 3		07/26/06	3507.86	-	18.60	18.65	0.05	3489.25
RW - 3		07/31/06	3507.86	-	18.65	18.66	0.01	3489.21
RW - 3		08/07/06	3507.86	-	sheen	17.94	0.00	3489.92
RW - 3		08/17/06	3507.86	-	18.86	18.88	0.02	3489.00
RW - 3		08/21/06	3507.86	-	sheen	18.56	0.00	3489.30
RW - 3		09/06/06	3507.86	-	sheen	18.27	0.00	3489.59
RW - 3		09/11/06	3507.86	-	sheen	18.27	0.00	3489.59
RW - 3		09/18/06	3507.86	-	18.29	18.34	0.05	3489.56
RW - 3		09/25/06	3507.86	-	18.29	18.41	0.12	3489.55
RW - 3		10/02/06	3507.86	-	18.27	18.39	0.12	3489.57
RW - 3		10/09/06	3507.86	-	18.38	18.44	0.06	3489.47
RW - 3		10/17/06	3507.86	-	18.26	18.38	0.12	3489.58
RW - 3		10/23/06	3507.86	-	18.29	18.35	0.06	3489.56
RW - 3		10/30/06	3507.86	-	18.27	18.34	0.07	3489.58
RW - 3		11/06/06	3507.86	-	18.29	18.52	0.23	3489.54
RW - 3		11/13/06	3507.86	-	18.30	18.48	0.18	3489.53
RW - 3		11/20/06	3507.86	-	18.27	18.44	0.17	3489.56
RW - 3		11/27/06	3507.86	-	18.27	18.46	0.19	3489.56
RW - 3		11/30/06	3507.86	-	18.25	18.27	0.02	3489.61
RW - 3		12/04/06	3507.86	-	18.30	18.67	0.37	3489.50
RW - 3		12/12/06	3507.86	-	18.27	18.64	0.37	3489.53
RW - 3		01/02/07	3507.86	-	18.21	18.27	0.06	3489.64
RW - 3		01/11/07	3507.86	-	18.14	18.16	0.02	3489.72
RW - 3		01/18/07	3507.86	-	18.16	18.19	0.03	3489.70
RW - 3		01/22/07	3507.86	-	18.18	18.30	0.12	3489.66
RW - 3		02/05/07	3507.86	-	18.18	18.73	0.55	3489.60
RW - 3		02/12/07	3507.86	-	-	18.09	0.00	3489.77
RW - 3		02/19/07	3507.86	-	sheen	18.10	0.00	3489.76
RW - 3		02/27/07	3507.86	-	18.03	18.10	0.07	3489.82
RW - 3		03/05/07	3507.86	-	18.17	18.23	0.06	3489.68
RW - 3		03/12/07	3507.86	-	17.99	18.11	0.12	3489.85
RW - 3		03/19/07	3507.86	-	18.07	18.09	0.02	3489.79
RW - 3		04/02/07	3507.86	-	sheen	18.06	0.00	3489.80
RW - 3		04/09/07	3507.86	-	18.02	18.03	0.01	3489.84
RW - 3		05/01/07	3507.86	-	18.03	18.11	0.08	3489.82
RW - 3		05/12/07	3507.86	-	18.03	18.13	0.10	3489.82
RW - 3		05/17/07	3507.86	-	17.89	17.94	0.05	3489.96
RW - 3		05/21/07	3507.86	-	17.82	17.88	0.06	3490.03
RW - 3		05/22/07	3507.86	-	17.82	17.88	0.06	3490.03
RW - 3		06/01/07	3507.86	-	17.88	17.95	0.07	3489.97
RW - 3		06/06/07	3507.86	-	17.87	17.89	0.02	3489.99
RW - 3		06/11/07	3507.86	-	17.97	18.64	0.67	3489.79
RW - 3		06/19/07	3507.86	-	18.02	18.04	0.02	3489.84

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		06/25/07	3507.86	-	sheen	18.16	0.00	3489.70
RW - 3		07/03/07	3507.86	-	sheen	18.29	0.00	3489.57
RW - 3		07/23/07	3507.86	-	sheen	18.43	0.00	3489.43
RW - 3		07/31/07	3507.86	-	sheen	18.59	0.00	3489.27
RW - 3		08/15/07	3507.86	-	sheen	18.69	0.00	3489.17
RW - 3		09/24/07	3507.86	-	sheen	18.45	0.00	3489.41
RW - 3		11/05/07	3507.86	-	sheen	18.46	0.00	3489.40
RW - 3		11/06/07	3507.86	-	sheen	18.48	0.00	3489.38
RW - 3		11/12/07	3507.86	-	sheen	18.50	0.00	3489.36
RW - 3		11/30/07	3507.86	-	sheen	18.48	0.00	3489.38
RW - 3		12/14/07	3507.86	-	sheen	18.35	0.00	3489.51
RW - 3		01/09/08	3507.86	-	sheen	18.36	0.00	3489.50
RW - 3		01/16/08	3507.86	-	sheen	18.36	0.00	3489.50
RW - 3		01/21/08	3507.86	-	sheen	18.38	0.00	3489.48
RW - 3		01/30/08	3507.86	-	sheen	18.24	0.00	3489.62
RW - 3		02/08/08	3507.86	-	sheen	18.32	0.00	3489.54
RW - 3		02/12/08	3507.86	-	sheen	18.28	0.00	3489.58
RW - 3		02/14/08	3507.86	-	sheen	18.29	0.00	3489.57
RW - 3		02/20/08	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		02/28/08	3507.86	-	sheen	18.29	0.00	3489.57
RW - 3		03/05/08	3507.86	-	sheen	18.28	0.00	3489.58
RW - 3		03/13/08	3507.89	-	sheen	18.27	0.00	3489.62
RW - 3		03/19/08	3507.86	-	sheen	18.29	0.00	3489.57
RW - 3		03/24/08	3507.86	-	sheen	18.32	0.00	3489.54
RW - 3		04/02/08	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		04/14/08	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		05/07/08	3507.86	-	sheen	18.19	0.00	3489.67
RW - 3		05/13/08	3507.86	-	sheen	18.18	0.00	3489.68
RW - 3		05/14/08	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		06/09/08	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		06/16/08	3507.86	-	sheen	18.17	0.00	3489.69
RW - 3		06/23/08	3507.86	-	sheen	18.80	0.00	3489.06
RW - 3		06/30/08	3507.86	-	18.78	18.79	0.01	3489.08
RW - 3		07/14/08	3507.86	-	sheen	18.92	0.01	3488.95
RW - 3		07/29/08	3507.86	-	sheen	18.96	0.00	3488.90
RW - 3		08/04/08	3507.86	-	sheen	19.00	0.00	3488.86
RW - 3		08/14/08	3507.86	-	18.96	18.97	0.01	3488.90
RW - 3		08/18/08	3507.86	-	sheen	19.05	0.00	3488.81
RW - 3		08/28/08	3507.86	-	sheen	18.98	0.00	3488.88
RW - 3		09/17/08	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		09/29/08	3507.86	-	sheen	18.66	0.00	3489.20
RW - 3		10/06/08	3507.86	-	sheen	18.67	0.00	3489.19
RW - 3		10/13/08	3507.86	-	sheen	18.71	0.00	3489.15
RW - 3		10/20/08	3507.86	-	sheen	18.61	0.00	3489.25
RW - 3		10/29/08	3507.86	-	sheen	18.53	0.00	3489.33
RW - 3		11/06/08	3507.86	-	sheen	18.58	0.00	3489.28
RW - 3		11/12/08	3507.86	-	sheen	18.56	0.00	3489.30
RW - 3		11/13/08	3507.86	-	sheen	18.56	0.00	3489.30
RW - 3		12/22/08	3507.86	-	sheen	18.57	0.00	3489.29
RW - 3		01/06/09	3507.86	-	-	18.50	0.00	3489.36
RW - 3		01/12/09	3507.86	-	-	18.49	0.00	3489.37
RW - 3		01/19/09	3507.86	-	-	18.44	0.00	3489.42
RW - 3		01/26/09	3507.86	-	-	18.42	0.00	3489.44
RW - 3		02/10/09	3507.86	-	-	18.41	0.00	3489.45
RW - 3		02/13/09	3507.86	-	-	18.42	0.00	3489.44
RW - 3		02/16/09	3507.86	-	-	18.48	0.00	3489.38
RW - 3		02/24/09	3507.86	-	-	18.42	0.00	3489.44
RW - 3		03/02/09	3507.86	-	-	18.45	0.00	3489.41
RW - 3		03/05/09	3507.86	-	-	18.40	0.00	3489.46
RW - 3		03/09/09	3507.86	-	-	18.39	0.00	3489.47
RW - 3		03/16/09	3507.86	-	-	18.39	0.00	3489.47

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		03/19/09	3507.86	-	-	18.43	0.00	3489.43
RW - 3		03/25/09	3507.86	-	-	18.46	0.00	3489.40
RW - 3		03/30/09	3507.86	-	-	18.45	0.00	3489.41
RW - 3		04/13/09	3507.86	-	-	18.34	0.00	3489.52
RW - 3		04/13/09	3507.86	-	-	18.34	0.00	3489.52
RW - 3		04/16/09	3507.86	-	-	18.46	0.00	3489.40
RW - 3		04/21/09	3507.86	-	-	18.45	0.00	3489.41
RW - 3		04/27/09	3507.86	-	-	18.33	0.00	3489.53
RW - 3		04/30/09	3507.86	-	-	18.43	0.00	3489.43
RW - 3		05/06/09	3507.86	-	-	18.42	0.00	3489.44
RW - 3		05/12/09	3507.86	-	-	18.34	0.00	3489.52
RW - 3		05/19/09	3507.86	-	-	18.45	0.00	3489.41
RW - 3		05/26/09	3507.86	-	-	18.47	0.00	3489.39
RW - 3		06/01/09	3507.86	-	-	18.61	0.00	3489.25
RW - 3		06/12/09	3507.86	-	-	18.62	0.00	3489.24
RW - 3		06/15/09	3507.86	-	-	18.66	0.00	3489.20
RW - 3		06/22/09	3507.86	-	-	18.69	0.00	3489.17
RW - 3		06/24/09	3507.86	-	-	18.62	0.00	3489.24
RW - 3		06/29/09	3507.86	-	-	18.82	0.00	3489.04
RW - 3		07/06/09	3507.86	-	-	18.85	0.00	3489.01
RW - 3		07/09/09	3507.86	-	-	18.47	0.00	3489.39
RW - 3		07/13/09	3507.86	-	-	18.47	0.00	3489.39
RW - 3		07/20/09	3507.86	-	-	18.46	0.00	3489.40
RW - 3		07/23/09	3507.86	-	-	19.01	0.00	3488.85
RW - 3		07/27/09	3507.86	-	-	19.03	0.00	3488.83
RW - 3		07/29/09	3507.86	-	-	18.91	0.00	3488.95
RW - 3		08/03/09	3507.86	-	-	18.84	0.00	3489.02
RW - 3		08/10/09	3507.86	-	-	18.94	0.00	3488.92
RW - 3		08/10/09	3507.86	-	-	18.94	0.00	3488.92
RW - 3		08/18/09	3507.86	-	-	18.01	0.00	3489.85
RW - 3		08/24/09	3507.86	-	-	19.09	0.00	3488.77
RW - 3		08/28/09	3507.86	-	-	19.08	0.00	3488.78
RW - 3		08/31/09	3507.86	-	-	19.15	0.00	3488.71
RW - 3		09/02/09	3507.86	-	-	19.11	0.00	3488.75
RW - 3		09/08/09	3507.86	-	-	19.19	0.00	3488.67
RW - 3		09/10/09	3507.86	-	-	19.13	0.00	3488.73
RW - 3		09/16/09	3507.86	-	-	19.14	0.00	3488.72
RW - 3		09/18/09	3507.86	-	-	19.16	0.00	3488.70
RW - 3		09/22/09	3507.86	-	-	19.21	0.00	3488.65
RW - 3		09/28/09	3507.86	-	-	19.10	0.00	3488.76
RW - 3		10/09/09	3507.86	-	sheen	19.25	0.00	3488.61
RW - 3		10/12/09	3507.86	-	sheen	18.53	0.00	3489.33
RW - 3		10/20/09	3507.86	-	sheen	19.40	0.00	3488.46
RW - 3		10/26/09	3507.86	-	sheen	18.52	0.00	3489.34
RW - 3		10/28/09	3507.86	-	sheen	19.35	0.00	3488.51
RW - 3		11/03/09	3507.86	-	sheen	19.30	0.00	3488.56
RW - 3		11/12/09	3507.86	-	sheen	19.33	0.00	3488.53
RW - 3		11/18/09	3507.86	-	sheen	19.32	0.00	3488.54
RW - 3		12/03/09	3507.86	-	sheen	19.24	0.00	3488.62
RW - 3		12/11/09	3507.86	-	sheen	19.23	0.00	3488.63
RW - 3		12/16/09	3507.86	-	sheen	19.15	0.00	3488.71
RW - 3		12/21/09	3507.86	-	sheen	19.29	0.00	3488.57
RW - 3		12/28/09	3507.86	-	sheen	19.32	0.00	3488.54
RW - 3		01/04/10	3507.86	-	sheen	19.25	0.00	3488.61
RW - 3		01/14/10	3507.86	-	sheen	19.18	0.00	3488.68
RW - 3		01/20/10	3507.86	-	sheen	19.09	0.00	3488.77
RW - 3		01/25/10	3507.86	-	sheen	19.24	0.00	3488.62
RW - 3		01/27/10	3507.86	-	sheen	19.08	0.00	3488.78
RW - 3		02/01/10	3507.86	-	sheen	19.15	0.00	3488.71
RW - 3		02/08/10	3507.86	-	sheen	19.05	0.00	3488.81
RW - 3		02/09/10	3507.86	-	sheen	19.16	0.00	3488.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		02/19/10	3507.86	-	-	19.01	0.00	3488.85
RW - 3		02/26/10	3507.86	-	sheen	19.00	0.00	3488.86
RW - 3		03/01/10	3507.86	-	sheen	19.27	0.00	3488.59
RW - 3		03/04/10	3507.86	-	sheen	18.97	0.00	3488.89
RW - 3		03/08/10	3507.86	-	sheen	19.01	0.00	3488.85
RW - 3		03/11/10	3507.86	-	sheen	18.85	0.00	3489.01
RW - 3		03/15/10	3507.86	-	sheen	18.95	0.00	3488.91
RW - 3		03/17/10	3507.86	-	sheen	18.85	0.00	3489.01
RW - 3		03/22/10	3507.86	-	sheen	18.80	0.00	3489.06
RW - 3		03/29/10	3507.86	-	sheen	17.77	0.00	3490.09
RW - 3		04/05/10	3507.86	-	sheen	18.84	0.00	3489.02
RW - 3		04/14/10	3507.86	-	sheen	18.79	0.00	3489.07
RW - 3		04/16/10	3507.86	-	sheen	18.72	0.00	3489.14
RW - 3		04/19/10	3507.86	-	sheen	18.82	0.00	3489.04
RW - 3		04/28/10	3507.86	-	sheen	18.73	0.00	3489.13
RW - 3		05/05/10	3507.86	-	sheen	18.63	0.00	3489.23
RW - 3		05/12/10	3507.86	-	sheen	18.68	0.00	3489.18
RW - 3		05/14/10	3507.86	-	sheen	18.69	0.00	3489.17
RW - 3		05/21/10	3507.86	-	sheen	18.68	0.00	3489.18
RW - 3		05/26/10	3507.86	-	sheen	18.69	0.00	3489.17
RW - 3		06/04/10	3507.86	-	sheen	18.69	0.00	3489.17
RW - 3		06/07/10	3507.86	-	sheen	18.83	0.00	3489.03
RW - 3		06/12/10	3507.86	-	sheen	18.88	0.00	3488.98
RW - 3		06/24/10	3507.86	-	sheen	19.02	0.00	3488.84
RW - 3		07/07/10	3507.86	-	sheen	18.55	0.00	3489.31
RW - 3		07/12/10	3507.86	-	sheen	18.45	0.00	3489.41
RW - 3		07/19/10	3507.86	-	sheen	18.33	0.00	3489.53
RW - 3		07/26/10	3507.86	-	-	-	-	-
RW - 3		08/03/10	3507.86	-	18.28	18.29	0.01	3489.58
RW - 3		08/11/10	3507.86	-	sheen	18.26	0.00	3489.60
RW - 3		08/19/10	3507.86	-	sheen	18.30	0.00	3489.56
RW - 3		08/25/10	3507.86	-	sheen	18.38	0.00	3489.48
RW - 3		09/01/10	3507.86	-	sheen	18.41	0.00	3489.45
RW - 3		09/09/10	3507.86	-	sheen	18.45	0.00	3489.41
RW - 3		09/13/10	3507.86	-	sheen	18.28	0.00	3489.58
RW - 3		09/29/10	3507.86	-	sheen	18.59	0.00	3489.27
RW - 3		10/05/10	3507.86	-	sheen	18.27	0.00	3489.59
RW - 3		10/20/10	3507.86	-	sheen	18.30	0.00	3489.56
RW - 3		10/25/10	3507.86	-	sheen	18.32	0.00	3489.54
RW - 3		11/03/10	3507.86	-	sheen	18.37	0.00	3489.49
RW - 3		11/10/10	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		11/12/10	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		12/09/10	3507.86	-	sheen	18.29	0.00	3489.57
RW - 3		01/18/11	3507.86	-	sheen	18.73	0.00	3489.13
RW - 3		02/16/11	3507.86	-	sheen	18.74	0.00	3489.12
RW - 3		03/01/11	3507.86	-	sheen	18.61	0.00	3489.25
RW - 3		03/07/11	3507.86	-	sheen	18.59	0.00	3489.27
RW - 3		03/22/11	3507.86	-	sheen	18.75	0.00	3489.11
RW - 3		04/27/11	3507.86	-	sheen	18.65	0.00	3489.21
RW - 3		05/05/11	3507.86	-	sheen	18.59	0.00	3489.27
RW - 3		05/19/11	3507.86	-	sheen	18.74	0.00	3489.12
RW - 3		06/08/11	3507.86	-	sheen	19.01	0.00	3488.85
RW - 3		07/06/11	3507.86	-	sheen	19.18	0.00	3488.68
RW - 3		07/14/11	3507.86	-	sheen	19.18	0.00	3488.68
RW - 3		07/20/11	3507.86	-	sheen	19.19	0.00	3488.67
RW - 3		07/27/11	3507.86	-	-	19.23	0.00	3488.63
RW - 3		08/03/11	3507.86	-	-	19.23	0.00	3488.63
RW - 3		08/10/11	3507.86	-	-	19.38	0.00	3488.48
RW - 3		08/18/11	3507.86	-	-	19.26	0.00	3488.60
RW - 3		08/25/11	3507.86	-	-	19.33	0.00	3488.53
RW - 3		09/07/11	3507.86	-	-	19.41	0.00	3488.45

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3		09/14/11	3507.86	-	-	19.56	0.00	3488.30
RW - 3		11/14/11	3507.86	-	-	19.43	0.00	3488.43
RW - 3		12/01/11	3507.86	-	-	19.32	0.00	3488.54
RW - 3		12/08/11	3507.86	-	-	19.31	0.00	3488.55
RW - 3		12/14/11	3507.86	-	-	19.29	0.00	3488.57
RW - 3		01/12/12	3507.86	-	-	19.29	0.00	3488.57
RW - 3		01/19/12	3507.86	-	-	19.31	0.00	3488.55
RW - 3		02/03/12	3507.86	-	-	19.23	0.00	3488.63
RW - 3		02/29/12	3507.86	-	-	19.09	0.00	3488.77
RW - 3		05/02/12	3507.86	-	-	19.01	0.00	3488.85
RW - 3		12/06/12	3507.86	-	-	20.20	0.00	3487.66
RW - 3		12/11/12	3507.86	-	-	20.20	0.00	3487.66
RW - 3		12/18/12	3507.86	-	20.14	20.15	0.01	3487.72
RW - 3		01/09/13	3507.86	-	-	20.11	0.00	3487.75
RW - 3		01/15/13	3507.86	-	-	20.12	0.00	3487.74
RW - 3		01/23/13	3507.86	-	-	20.10	0.00	3487.76
RW - 3		01/29/13	3507.86	-	-	20.08	0.00	3487.78
RW - 3		02/07/13	3507.86	-	-	20.08	0.00	3487.78
RW - 3		02/13/13	3507.86	-	-	20.06	0.00	3487.80
RW - 3		02/20/13	3507.86	-	-	20.04	0.00	3487.82
RW - 3		02/25/13	3507.86	-	20.05	20.06	0.01	3487.81
RW - 3		04/30/13	3507.86	-	-	19.90	0.00	3487.96
RW - 3		05/08/13	3507.86	-	19.90	19.93	0.03	3487.96
RW - 3		05/22/13	3507.86	-	-	19.89	0.00	3487.97
RW - 3		06/04/13	3507.86	-	19.92	19.94	0.02	3487.94
RW - 3		06/19/13	3507.86	-	19.86	19.91	0.05	3487.99
RW - 3		06/28/13	3507.86	-	20.13	20.20	0.07	3487.72
RW - 3		07/01/13	3507.86	-	20.21	20.23	0.02	3487.65
RW - 3		07/08/13	3507.86	-	20.10	20.15	0.05	3487.75
RW - 3		07/23/13	3507.86	-	20.29	20.32	0.03	3487.57
RW - 3		07/30/13	3507.86	-	-	20.25	0.00	3487.61
RW - 3		08/05/13	3507.86	-	-	20.22	0.00	3487.64
RW - 3		08/12/13	3507.86	30.26	-	20.23	0.00	3487.63
RW - 3		08/22/13	3507.86	-	-	20.33	0.00	3487.53
RW - 3		08/29/13	3507.86	-	-	20.37	0.00	3487.49
RW - 3		09/05/13	3507.86	-	-	20.41	0.00	3487.45
RW - 3		09/10/13	3507.86	-	-	20.46	0.00	3487.40
RW - 3		09/17/13	3507.86	-	-	20.50	0.00	3487.36
RW - 3		09/24/13	3507.86	-	-	20.50	0.00	3487.36
RW - 3		10/07/13	3507.86	-	-	20.59	0.00	3487.27
RW - 3		11/14/13	-	-	-	22.78	0.00	-
RW - 3		11/20/13	-	32.65	-	22.79	0.00	-
RW - 3		12/12/13	-	-	-	22.77	0.00	-
RW - 3		12/19/13	-	-	-	22.73	0.00	-
RW - 3		01/03/14	-	-	-	22.69	0.00	-
RW - 3		01/09/14	-	-	-	22.70	0.00	-
RW - 3		01/13/14	-	-	-	22.70	0.00	-
RW - 3		01/21/14	-	-	-	22.68	0.00	-
RW - 3		01/24/14	-	-	-	22.73	0.00	-
RW - 3	John Flores	02/04/14	3512.17	32.54	-	22.64	0.00	3489.53
RW - 3		02/10/14	3512.17	-	-	22.66	0.00	3489.51
RW - 3	David F.	02/27/14	3512.17	-	-	23.62	0.00	3488.55
RW - 3	David F.	03/17/14	3512.17	-	-	22.51	0.00	3489.66
RW - 3	David F.	03/27/14	3512.17	-	-	22.50	0.00	3489.67
RW - 3	David & Jose	04/02/14	3512.17	-	-	22.49	0.00	3489.68
RW - 3	Manny & Lira	04/16/14	3512.17	-	-	22.41	0.00	3489.76
RW - 3	Manny & chanc	04/22/14	3512.17	-	-	22.42	0.00	3489.75
RW - 3	David & Justin	04/28/14	3512.17	-	-	22.42	0.00	3489.75
RW - 3	Manny & Chanc	05/06/14	3512.17	-	-	22.38	0.00	3489.79
RW - 3	Manny	05/13/14	3512.17	-	-	22.43	0.00	3489.74
RW - 3	Jose & Chance	05/14/14	3512.17	32.44	-	22.41	0.00	3489.76

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3	Manny	05/21/14	3512.17	32.44	-	22.42	0.00	3489.75
RW - 3	Manny & Chanc	06/05/14	3512.17	-	-	22.54	0.00	3489.63
RW - 3	Manny	06/11/14	3512.17	-	-	22.59	0.00	3489.58
RW - 3	Manny	06/16/14	3512.17	-	-	22.66	0.00	3489.51
RW - 3	Manny	06/24/14	3512.17	-	-	22.77	0.00	3489.40
RW - 3	Manny	07/01/14	3512.17	-	-	22.83	0.00	3489.34
RW - 3	David	07/08/14	3512.17	-	-	22.90	0.00	3489.27
RW - 3	Manny	07/15/14	3512.17	-	-	22.95	0.00	3489.22
RW - 3	Manny	07/22/14	3512.17	-	-	23.00	0.00	3489.17
RW - 3	Manny	07/23/14	3512.17	-	-	23.00	0.00	3489.17
RW - 3	Manny	07/31/14	3512.17	-	-	23.03	0.00	3489.14
RW - 3	David F.	08/05/14	3512.17	32.47	-	23.05	0.00	3489.12
RW - 3	Manny	08/07/14	3512.17	-	-	23.06	0.00	3489.11
RW - 3	Manny	08/15/14	3512.17	-	-	23.09	0.00	3489.08
RW - 3	Manny	08/20/14	3512.17	-	-	23.10	0.00	3489.07
RW - 3	Manny	08/27/14	3512.17	-	-	23.12	0.00	3489.05
RW - 3	Manny	09/24/14	3512.17	-	-	22.52	0.00	3489.65
RW - 3	Manny	10/01/14	3512.17	-	-	22.19	0.00	3489.98
RW - 3	Manny	10/07/14	3512.17	-	-	22.07	0.00	3490.10
RW - 3	Manny	10/14/14	3512.17	-	-	22.00	0.00	3490.17
RW - 3	Manny	10/20/14	3512.17	-	-	21.95	0.00	3490.22
RW - 3	Manny	10/27/14	3512.17	-	-	21.93	0.00	3490.24
RW - 3	Manny	11/03/14	3512.17	-	-	21.94	0.00	3490.23
RW - 3	Manny	11/11/14	3512.17	-	-	21.91	0.00	3490.26
RW - 3	Manny	11/19/14	3512.17	32.50	-	21.89	0.00	3490.28
RW - 3	Manny	12/08/14	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Manny	12/15/14	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Manny	12/22/14	3512.17	-	-	21.86	0.00	3490.31
RW - 3	Manny	12/29/14	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Manny	01/05/15	3512.17	-	-	21.91	0.00	3490.26
RW - 3	Manny	01/12/15	3512.17	-	-	21.93	0.00	3490.24
RW - 3	Manny	01/19/15	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Manny	02/04/15	3512.17	-	-	21.89	0.00	3490.28
RW - 3	Manny	02/09/15	3512.17	32.39	-	21.89	0.00	3490.28
RW - 3	Manny	02/19/15	3512.17	-	-	21.88	0.00	3490.29
RW - 3	Manny/Art	03/03/15	3512.17	-	-	21.86	0.00	3490.31
RW - 3	Manny	03/09/15	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Carlos	03/16/15	3512.17	-	-	21.88	0.00	3490.29
RW - 3	Manny	03/20/15	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Carlos	03/23/15	3512.17	-	-	21.87	0.00	3490.30
RW - 3	Manny/Art	03/30/15	3512.17	-	-	21.87	0.00	3490.30
RW - 3	Manny	04/04/15	3512.17	-	-	21.89	0.00	3490.28
RW - 3	Manny/Arthur	04/07/15	3512.17	-	-	21.85	0.00	3490.32
RW - 3	Manny/Arthur	04/14/15	3512.17	-	-	21.86	0.00	3490.31
RW - 3	Carlos/ Matt	04/20/15	3512.17	-	-	21.83	0.00	3490.34
RW - 3	Manny/Arthur	04/27/15	3512.17	-	-	21.84	0.00	3490.33
RW - 3	Carlos	05/07/15	3512.17	-	-	21.79	0.00	3490.38
RW - 3	Carlos	05/11/15	3512.17	-	-	21.88	0.00	3490.29
RW - 3	Carlos	05/21/15	3512.17	-	-	21.75	0.00	3490.42
RW - 3	Manny/Arthur	05/27/15	3512.17	32.35	-	21.74	0.00	3490.43
RW - 3	Carlos	05/28/15	3512.17	-	-	21.73	0.00	3490.44
RW - 3	Manny	06/03/15	3512.17	-	-	21.71	0.00	3490.46
RW - 3	Manny	06/08/15	3512.17	-	-	21.73	0.00	3490.44
RW - 3	Manny	06/25/15	3512.17	-	-	-	0.00	-
RW - 3	Manny	06/29/15	3512.17	-	-	21.72	0.00	3490.45
RW - 3	Manny	07/08/15	3512.17	-	-	21.76	0.00	3490.41
RW - 3	Carlos	07/09/15	3512.17	-	-	21.74	0.00	3490.43
RW - 3	Manny	07/14/15	3512.17	-	-	21.80	0.00	3490.37
RW - 3	Arthur	07/20/15	3512.17	-	-	21.82	0.00	3490.35
RW - 3	Manny	07/28/15	3512.17	-	-	21.94	0.00	3490.23
RW - 3	Manny/Arthur	08/03/15	3512.17	32.38	-	21.86	0.00	3490.31

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3	Carlos	08/04/15	3512.17	-	-	22.04	0.00	3490.13
RW - 3	Carlos	08/10/15	3512.17	-	-	22.10	0.00	3490.07
RW - 3	Carlos	08/17/15	3512.17	-	-	22.16	0.00	3490.01
RW - 3	Carlos	08/25/15	3512.17	-	-	22.18	0.00	3489.99
RW - 3	Arthur/Carlos	08/31/15	3512.17	-	-	22.20	0.00	3489.97
RW - 3	Carlos	09/08/15	3512.17	-	-	22.18	0.00	3489.99
RW - 3	Carlos	09/15/15	3512.17	-	-	22.17	0.00	3490.00
RW - 3	Manny	09/24/15	3512.17	-	-	22.31	0.00	3489.86
RW - 3	Manny	09/28/15	3512.17	-	-	22.30	0.00	3489.87
RW - 3	Manny	10/06/15	3512.17	-	-	22.29	0.00	3489.88
RW - 3	Carlos	10/12/15	3512.17	-	-	22.22	0.00	3489.95
RW - 3	Manny	10/26/15	3512.17	-	-	22.10	0.00	3490.07
RW - 3	Manny	11/06/15	3512.17	-	-	22.03	0.00	3490.14
RW - 3	Carlos	11/10/15	3512.17	-	-	21.95	0.00	3490.22
RW - 3	Manny	11/18/15	3512.17	32.40	-	21.90	0.00	3490.27
RW - 3	Carlos	12/02/15	3512.17	-	-	21.91	0.00	3490.26
RW - 3	Carlos	12/07/15	3512.17	-	-	21.89	0.00	3490.28
RW - 3	Carlos	12/14/15	3512.17	-	-	21.83	0.00	3490.34
RW - 3	Carlos	01/05/16	3512.17	-	-	21.75	0.00	3490.42
RW - 3	Manny	01/08/16	3512.17	-	-	21.82	0.00	3490.35
RW - 3	Manny	01/12/16	3512.17	-	-	21.87	0.00	3490.30
RW - 3	Carlos	01/18/16	3512.17	-	-	21.86	0.00	3490.31
RW - 3	Carlos	01/25/16	3512.17	-	-	21.82	0.00	3490.35
RW - 3	Carlos	02/01/16	3512.17	-	-	21.72	0.00	3490.45
RW - 3	Carlos	02/08/16	3512.17	-	-	21.80	0.00	3490.37
RW - 3	Carlos	02/19/16	3512.17	-	-	21.74	0.00	3490.43
RW - 3	Manny	02/23/16	3512.17	32.42	-	21.69	0.00	3490.48
RW - 3	Manny	03/03/16	3512.17	-	-	21.78	0.00	3490.39
RW - 3	Carlos	03/07/16	3512.17	-	-	21.70	0.00	3490.47
RW - 3	Carlos	03/15/16	3512.17	-	-	21.66	0.00	3490.51
RW - 3	Manny	03/21/16	3512.17	-	-	21.68	0.00	3490.49
RW - 3	Carlos	03/28/16	3512.17	-	-	21.67	0.00	3490.50
RW - 3	Carlos	04/05/16	3512.17	-	-	21.63	0.00	3490.54
RW - 3	Manny	04/08/16	3512.17	-	-	21.68	0.00	3490.49
RW - 3	Carlos	04/12/16	3512.17	-	-	21.66	0.00	3490.51
RW - 3	Carlos	04/18/16	3512.17	-	-	21.63	0.00	3490.54
RW - 3	Carlos	04/25/16	3512.17	-	-	21.60	0.00	3490.57
RW - 3	Carlos	05/02/16	3512.17	-	-	21.60	0.00	3490.57
RW - 3	Carlos	05/23/16	3512.17	-	-	21.56	0.00	3490.61
RW - 3	Carlos	06/01/16	3512.17	-	-	21.63	0.00	3490.54
RW - 3	Manny	06/06/16	3512.17	32.40	-	21.67	0.00	3490.50
RW - 3	Carlos	06/28/16	3512.17	-	-	21.90	0.00	3490.27
RW - 3	Manny	07/12/16	3512.17	-	-	22.06	0.00	3490.11
RW - 3	Carlos	07/19/16	3512.17	-	-	22.10	0.00	3490.07
RW - 3	Carlos	07/27/16	3512.17	-	-	22.20	0.00	3489.97
RW - 3	Manny/ Wes	08/03/16	3512.17	32.33	-	22.22	0.00	3489.95
RW - 3	Carlos	08/08/16	3512.17	-	-	22.30	0.00	3489.87
RW - 3	Carlos	08/16/16	3512.17	-	-	22.33	0.00	3489.84
RW - 3	Carlos	08/23/16	3512.17	-	-	22.40	0.00	3489.77
RW - 3	Manny	08/31/16	3512.17	-	-	22.20	0.00	3489.97
RW - 3	Carlos	09/14/16	3512.17	-	-	21.60	0.00	3490.57
RW - 3	Carlos	09/22/16	3512.17	-	-	21.42	0.00	3490.75
RW - 3	Manny	09/27/16	3512.17	-	-	21.31	0.00	3490.86
RW - 3	Wesley	10/07/16	3512.17	-	-	21.21	0.00	3490.96
RW - 3	Manny	10/21/16	3512.17	-	-	21.22	0.00	3490.95
RW - 3	Manny	10/28/16	3512.17	-	-	21.20	0.00	3490.97
RW - 3	Manny	11/04/16	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Manny	11/09/16	3512.17	32.33	-	21.32	0.00	3490.85
RW - 3	Wesley	12/06/16	3512.17	-	-	21.18	0.00	3490.99
RW - 3	Manny	12/15/16	3512.17	-	-	21.47	0.00	3490.70
RW - 3	Manny	12/22/16	3512.17	-	-	21.31	0.00	3490.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3	Manny	12/29/16	3512.17	-	-	21.41	0.00	3490.76
RW - 3	Carlos	01/05/17	3512.17	-	-	21.19	0.00	3490.98
RW - 3	Manny	01/11/17	3512.17	-	-	21.51	0.00	3490.66
RW - 3	Carlos	01/18/17	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Manny	01/26/17	3512.17	-	-	21.30	0.00	3490.87
RW - 3	Manny	01/31/17	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Carlos	02/10/17	3512.17	-	-	21.26	0.00	3490.91
RW - 3	Wesley	02/17/17	3512.17	-	-	21.20	0.00	3490.97
RW - 3	Manny	02/24/17	3512.17	-	-	21.20	0.00	3490.97
RW - 3	Manny	03/01/17	3512.17	32.34	-	21.23	0.00	3490.94
RW - 3	Carlos	03/09/17	3512.17	-	-	21.32	0.00	3490.85
RW - 3	Wesley	03/15/17	3512.17	-	-	21.28	0.00	3490.89
RW - 3	Manny	03/22/17	3512.17	-	-	21.34	0.00	3490.83
RW - 3	Carlos	03/29/17	3512.17	-	-	21.48	0.00	3490.69
RW - 3	Manny	04/07/17	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Wesley	04/11/17	3512.17	-	-	21.19	0.00	3490.98
RW - 3	Manny	04/20/17	3512.17	-	-	21.16	0.00	3491.01
RW - 3	Jeremy	05/02/17	3512.17	-	-	21.14	0.00	3491.03
RW - 3	Manny	05/12/17	3512.17	-	-	21.19	0.00	3490.98
RW - 3	Jeremy	05/16/17	3512.17	-	-	21.15	0.00	3491.02
RW - 3	Manny	05/24/17	3512.17	32.35	-	21.31	0.00	3490.86
RW - 3	Jeremy	06/05/17	3512.17	-	-	21.29	0.00	3490.88
RW - 3	Manny	06/15/17	3512.17	-	-	21.43	0.00	3490.74
RW - 3	Jeremy	06/28/17	3512.17	-	-	21.51	0.00	3490.66
RW - 3	Jeremy	07/05/17	3512.17	-	-	21.59	0.00	3490.58
RW - 3	Jeremy	07/11/17	3512.17	-	-	21.64	0.00	3490.53
RW - 3	Jeremy	07/17/17	3512.17	-	-	21.67	0.00	3490.50
RW - 3	Jeremy	07/20/17	3512.17	-	-	21.71	0.00	3490.46
RW - 3	Jeremy	08/16/17	3512.17	32.32	-	21.66	0.00	3490.51
RW - 3	Jeremy	09/05/17	3512.17	-	-	21.50	0.00	3490.67
RW - 3	Jeremy	09/13/17	3512.17	-	-	21.46	0.00	3490.71
RW - 3	Jeremy	09/19/17	3512.17	-	-	21.52	0.00	3490.65
RW - 3	Jeremy	09/29/17	3512.17	-	-	21.57	0.00	3490.60
RW - 3	Jeremy	10/05/17	3512.17	-	-	21.60	0.00	3490.57
RW - 3	Jeremy	10/12/17	3512.17	-	-	21.41	0.00	3490.76
RW - 3	Jeremy	10/20/17	3512.17	-	-	21.39	0.00	3490.78
RW - 3	Jeremy	10/24/17	3512.17	-	-	21.40	0.00	3490.77
RW - 3	Jeremy	11/02/17	3512.17	-	-	21.36	0.00	3490.81
RW - 3	Manny / Jeremy	11/14/17	3512.17	32.35	-	21.33	0.00	3490.84
RW - 3	Jeremy	12/20/17	3512.17	-	-	22.28	0.00	3489.89
RW - 3	Jeremy	12/28/17	3512.17	-	-	21.25	0.00	3490.92
RW - 3	Jeremy	01/03/18	3512.17	-	-	21.27	0.00	3490.90
RW - 3	Jeremy	01/09/18	3512.17	-	-	21.29	0.00	3490.88
RW - 3	Jeremy	01/19/18	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Jeremy	01/24/18	3512.17	-	-	21.27	0.00	3490.90
RW - 3	Jeremy	02/07/18	3512.17	33.21	-	21.48	0.00	3490.69
RW - 3	Jeremy	02/12/18	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Jeremy	02/22/18	3512.17	-	-	21.23	0.00	3490.94
RW - 3	Jeremy	03/02/18	3512.17	-	-	21.22	0.00	3490.95
RW - 3	Jeremy	03/07/18	3512.17	-	-	21.21	0.00	3490.96
RW - 3	Jeremy	03/19/18	3512.17	-	-	21.24	0.00	3490.93
RW - 3	Jeremy	03/29/18	3512.17	-	-	21.20	0.00	3490.97
RW - 3	Jeremy	04/02/18	3512.17	-	-	21.16	0.00	3491.01
RW - 3	Jeremy	04/11/18	3512.17	-	-	21.16	0.00	3491.01
RW - 3	Jeremy	04/16/18	3512.17	-	-	21.22	0.00	3490.95
RW - 3	Jeremy	04/25/18	3512.17	-	-	21.19	0.00	3490.98
RW - 3	Jeremy	05/01/18	3512.17	-	-	21.16	0.00	3491.01
RW - 3	Jeremy	05/08/18	3512.17	-	-	21.18	0.00	3490.99
RW - 3	Jeremy	05/22/18	3512.17	32.18	-	21.45	0.00	3490.72
RW - 3	Jeremy	05/31/18	3512.17	-	-	-	-	-
RW - 3	Jeremy	06/06/18	3512.17	-	-	21.31	0.00	3490.86

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3	Jeremy	06/13/18	3512.17	-	-	21.61	0.00	3490.56
RW - 3	Jeremy	06/18/18	3512.17	-	-	21.67	0.00	3490.50
RW - 3	Jeremy	06/25/18	3512.17	-	-	24.70	0.00	3487.47
RW - 3	Jeremy	07/02/18	3512.17	-	-	21.73	0.00	3490.44
RW - 3	Jeremy	07/11/18	3512.17	-	-	21.89	0.00	3490.28
RW - 3	Jeremy	07/19/18	3512.17	-	-	21.84	0.00	3490.33
RW - 3	Jeremy	07/27/18	3512.17	-	-	21.91	0.00	3490.26
RW - 3	Jeremy/ Wesley	08/08/18	3512.17	32.23	-	22.04	0.00	3490.13
RW - 3	Jeremy	08/30/18	3512.17	32.23	-	22.09	0.00	3490.08
RW - 3	Jeremy	09/12/18	3512.17	32.23	-	22.16	0.00	3490.01
RW - 3	Jeremy	09/20/18	3512.17	-	-	22.02	0.00	3490.15
RW - 3	Jeremy	09/26/18	3512.17	32.23	-	22.06	0.00	3490.11
RW - 3	Jeremy	10/03/18	3512.17	32.23	-	21.98	0.00	3490.19
RW - 3	Jeremy	10/19/18	3512.17	32.23	-	21.99	0.00	3490.18
RW - 3	Jeremy	10/31/18	3512.17	32.23	-	21.87	0.00	3490.30
RW - 3	Jeremy	11/06/18	3512.17	32.23	-	21.83	0.00	3490.34
RW - 3	Jeremy	11/13/18	3512.17	32.21	-	22.09	0.00	3490.08
RW - 3	Jeremy	12/03/18	3512.17	32.21	-	21.74	0.00	3490.43
RW - 3	Manny/Elias	12/19/18	3512.17	-	-	21.79	0.00	3490.38
RW - 3	Jeremy	12/27/18	3512.17	-	-	21.64	0.00	3490.53
RW - 3	Jeremy	01/03/19	3512.17	-	-	21.68	0.00	3490.49
RW - 3	Jeremy	01/09/19	3512.17	-	-	21.83	0.00	3490.34
RW - 3	Jeremy	01/16/19	3512.17	-	-	21.73	0.00	3490.44
RW - 3	Jeremy	02/06/19	3512.17	-	-	21.69	0.00	3490.48
RW - 3	Jeremy	02/12/19	3512.17	32.26	-	21.70	0.00	3490.47
RW - 3	Jeremy	02/28/19	3512.17	-	-	21.78	0.00	3490.39
RW - 3	Jeremy	03/06/19	3512.17	-	-	21.65	0.00	3490.52
RW - 3	Elias	03/12/19	3512.17	-	-	21.57	0.00	3490.60
RW - 3	Elias	03/19/19	3512.17	-	-	21.65	0.00	3490.52
RW - 3	Elias	03/28/19	3512.17	-	-	21.80	0.00	3490.37
RW - 3	Elias	04/01/19	3512.17	-	-	21.82	0.00	3490.35
RW - 3	Elias	04/10/19	3512.17	-	-	21.57	0.00	3490.60
RW - 3	Elias	04/17/19	3512.17	-	-	21.69	0.00	3490.48
RW - 3	Elias	04/24/19	3512.17	-	-	21.57	0.00	3490.60
RW - 3	Elias	05/01/19	3512.17	-	-	21.66	0.00	3490.51
RW - 3	Elias	05/08/19	3512.17	32.20	-	21.50	0.00	3490.67
RW - 3	Elias	06/14/19	3512.17	-	-	21.92	0.00	3490.25
RW - 3	Elias	07/11/19	3512.17	-	-	21.89	0.00	3490.28
RW - 3	Elias	08/02/19	3512.17	-	-	22.06	0.00	3490.11
RW - 3	Elias	08/08/19	3512.17	32.20	-	22.08	0.00	3490.09
RW - 3	Elias	09/05/19	3512.17	-	-	-	-	-
RW - 3	Elias	09/12/19	3512.17	-	-	22.07	0.00	3490.10
RW - 3	Elias	09/17/19	3512.17	-	-	22.28	0.00	3489.89
RW - 3	Elias	09/23/19	3512.17	-	-	-	0.00	-
RW - 3	Elias	10/15/19	3512.17	-	-	22.11	0.00	3490.06
RW - 3	Elias	11/06/19	3512.17	32.17	-	22.05	0.00	3490.12
RW - 3	Elias	11/13/19	3512.17	32.15	-	21.96	0.00	3490.21
RW - 3	Elias	12/17/19	3512.17	-	-	21.87	0.00	3490.30
RW - 3	Elias	01/06/20	3512.17	-	-	21.78	0.00	3490.39
RW - 3	Elias	01/23/20	3512.17	-	-	21.76	0.00	3490.41
RW - 3	Elias	02/21/20	3512.17	-	-	21.72	0.00	3490.45
RW - 3	Elias	03/05/20	3512.17	32.18	-	21.72	0.00	3490.45
RW - 3	Manny	05/14/20	3512.17	-	-	21.85	0.00	3490.32
RW - 3	Manny	05/21/20	3512.17	-	-	21.50	0.00	3490.67
RW - 3	Manny	06/18/20	3512.17	32.10	-	21.84	0.00	3490.33
RW - 3	Manny	07/01/20	3512.17	-	-	22.01	0.00	3490.16
RW - 3	Manny	07/21/20	3512.17	-	-	22.16	0.00	3490.01
RW - 3	Manny	08/13/20	3512.17	32.26	-	22.30	0.00	3489.87
RW - 3	Manny	09/14/20	3512.17	-	-	22.44	0.00	3489.73
RW - 3	Manny	09/30/20	3512.17	-	-	22.46	0.00	3489.71
RW - 3	Manny	12/10/20	3512.17	32.09	-	22.53	0.00	3489.64

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HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 3	Manny	01/13/21	3512.17	-	-	22.46	0.00	3489.71
RW - 3	Manny	02/11/21	3512.17	-	-	22.43	0.00	3489.74
RW - 3	Manny	04/21/21	3512.17	-	-	22.33	0.00	3489.84
RW - 3	Manny	04/28/21	3512.17	-	-	22.31	0.00	3489.86
RW - 3	Manny	06/11/21	3512.17	32.14	-	22.32	0.00	3489.85
RW - 3	Manny	07/31/21	3512.17	-	-	22.35	0.00	3489.82
RW - 3	Manny	08/31/21	3512.17	-	-	22.58	0.00	3489.59
RW - 3	Manny	09/23/21	3512.17	32.13	-	22.61	0.00	3489.56
RW - 3	Manny	10/14/21	3512.17	-	-	22.63	0.00	3489.54
RW - 3	Manny	10/28/21	3512.17	-	-	22.67	0.00	3489.50
RW - 3	Manny	12/06/21	3512.17	32.17	-	22.73	0.00	3489.44
RW - 3	Manny	02/23/22	3512.17	-	-	22.63	0.00	3489.54
RW - 3	Manny	03/15/22	3512.17	32.11	-	22.62	0.00	3489.55
RW - 3	Manny	04/20/22	3512.17	-	-	22.59	0.00	3489.58
RW - 3	Manny	05/10/22	3512.17	32.06	-	22.84	0.00	3489.33
RW - 3	Manny	08/16/22	3512.17	32.13	-	23.09	0.00	3489.08
RW - 3	Manny	11/10/22	3512.17	32.08	-	22.98	0.00	3489.19
RW - 3	Manny	02/28/23	3512.17	32.06	-	22.59	0.00	3489.58
RW - 3	Manny	05/11/23	3512.17	32.09	-	22.46	0.00	3489.71
RW - 3	Manny	08/17/23	3512.17	32.10	-	23.05	0.00	3489.12
RW - 3	Manny	12/14/23	3512.17	32.10	-	22.85	0.00	3489.32
RW - 3	Manny	02/26/24	3512.17	32.08	-	22.61	0.00	3489.56
RW - 3	Manny	06/17/24	3512.17	32.04	-	22.88	0.00	3489.29
RW - 3	Manny	09/23/24	3512.17	32.03	-	23.39	0.00	3488.78
RW - 3	Manny	12/09/24	3512.17	32.02	-	23.22	0.00	3488.95
RW - 4		11/05/02	3507.22	-	-	19.43	0.00	3487.79
RW - 4		11/06/02	3507.22	-	-	19.42	0.00	3487.80
RW - 4		11/12/02	3507.22	-	-	19.39	0.00	3487.83
RW - 4		01/07/03	3507.22	-	-	19.12	0.00	3488.10
RW - 4		01/27/03	3507.22	-	-	19.01	0.00	3488.21
RW - 4		03/11/03	3507.22	-	-	18.98	0.00	3488.24
RW - 4		03/19/03	3507.22	-	-	18.97	0.00	3488.25
RW - 4		04/16/03	3507.22	-	-	18.94	0.00	3488.28
RW - 4		04/29/03	3507.22	-	-	18.91	0.00	3488.31
RW - 4		05/14/03	3507.22	-	-	19.10	0.00	3488.12
RW - 4		05/20/03	3507.22	-	-	19.23	0.00	3487.99
RW - 4		05/27/03	3507.22	-	-	19.26	0.00	3487.96
RW - 4		06/04/03	3507.22	-	-	19.21	0.00	3488.01
RW - 4		07/07/03	3507.22	-	-	19.64	0.00	3487.58
RW - 4		07/30/03	3507.22	-	-	19.72	0.00	3487.50
RW - 4		08/06/03	3507.22	-	-	19.92	0.00	3487.30
RW - 4		08/21/03	3507.22	-	sheen	20.14	0.00	3487.08
RW - 4		08/26/03	3507.22	-	-	20.17	0.00	3487.05
RW - 4		09/08/03	3507.22	-	-	20.18	0.00	3487.04
RW - 4		09/15/03	3507.22	-	-	20.20	0.00	3487.02
RW - 4		09/24/03	3507.22	-	-	20.31	0.00	3486.91
RW - 4		10/02/03	3507.22	-	-	20.18	0.00	3487.04
RW - 4		10/08/03	3507.22	-	-	20.08	0.00	3487.14
RW - 4		10/16/03	3507.22	-	-	20.41	0.00	3486.81
RW - 4		10/28/03	3507.22	-	-	20.50	0.00	3486.72
RW - 4		11/11/03	3507.22	-	-	20.57	0.00	3486.65
RW - 4		11/18/03	3507.22	-	-	20.29	0.00	3486.93
RW - 4		12/10/03	3507.22	-	20.11	20.14	0.03	3487.11
RW - 4		02/02/04	3507.22	-	-	20.47	0.00	3486.75
RW - 4		02/11/04	3507.22	-	19.92	19.94	0.02	3487.30
RW - 4		02/26/04	3507.22	-	-	20.04	0.00	3487.18
RW - 4		03/16/04	3507.22	-	-	20.21	0.00	3487.01
RW - 4		03/19/04	3507.22	-	-	20.19	0.00	3487.03
RW - 4		03/25/04	3507.22	-	-	20.19	0.00	3487.03
RW - 4		04/01/04	3507.22	-	-	20.09	0.00	3487.13

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		04/08/04	3507.22	-	-	20.14	0.00	3487.08
RW - 4		04/14/04	3507.22	-	-	19.39	0.00	3487.83
RW - 4		04/16/04	3507.22	-	-	19.54	0.00	3487.68
RW - 4		04/22/04	3507.22	-	-	18.71	0.00	3488.51
RW - 4		04/29/04	3507.22	-	-	18.74	0.00	3488.48
RW - 4		05/11/04	3507.22	-	-	18.74	0.00	3488.48
RW - 4		06/08/04	3507.22	-	-	18.83	0.00	3488.39
RW - 4		06/17/04	3507.22	-	-	18.80	0.00	3488.42
RW - 4		06/22/04	3507.22	-	-	18.83	0.00	3488.39
RW - 4		06/29/04	3507.22	-	-	18.81	0.00	3488.41
RW - 4		07/06/04	3507.22	-	-	18.82	0.00	3488.40
RW - 4		07/13/04	3507.22	-	-	18.87	0.00	3488.35
RW - 4		07/20/04	3507.22	-	-	18.97	0.00	3488.25
RW - 4		08/04/04	3507.22	-	-	18.99	0.00	3488.23
RW - 4		08/10/04	3507.22	-	-	18.97	0.00	3488.25
RW - 4		08/16/04	3507.22	-	19.20	19.23	0.03	3488.02
RW - 4		08/23/04	3507.22	-	19.14	19.17	0.03	3488.08
RW - 4		08/25/04	3507.22	-	19.10	19.15	0.05	3488.11
RW - 4		08/26/04	3507.22	-	sheen	19.10	0.00	3488.12
RW - 4		08/31/04	3507.22	-	sheen	19.22	0.00	3488.00
RW - 4		09/13/04	3507.22	-	19.26	19.30	0.04	3487.95
RW - 4		09/20/04	3507.22	-	sheen	19.34	0.00	3487.88
RW - 4		09/30/04	3507.22	-	sheen	19.29	0.00	3487.93
RW - 4		10/04/04	3507.22	-	sheen	18.90	0.00	3488.32
RW - 4		10/11/04	3507.22	-	sheen	18.70	0.00	3488.52
RW - 4		10/18/04	3507.22	-	sheen	18.66	0.00	3488.56
RW - 4		10/26/04	3507.22	-	sheen	18.70	0.00	3488.52
RW - 4		11/02/04	3507.22	-	sheen	18.77	0.00	3488.45
RW - 4		11/08/04	3507.22	-	sheen	18.65	0.00	3488.57
RW - 4		11/15/04	3507.22	-	sheen	18.56	0.00	3488.66
RW - 4		12/01/04	3507.22	-	sheen	18.50	0.00	3488.72
RW - 4		12/03/04	3507.22	-	sheen	18.50	0.00	3488.72
RW - 4		12/14/04	3507.22	-	sheen	18.38	0.00	3488.84
RW - 4		12/21/04	3507.22	-	sheen	18.63	0.00	3488.59
RW - 4		12/29/04	3507.22	-	sheen	18.25	0.00	3488.97
RW - 4		01/11/05	3507.22	-	sheen	18.17	0.00	3489.05
RW - 4		01/14/05	3507.22	-	sheen	18.15	0.00	3489.07
RW - 4		01/21/05	3507.22	-	sheen	18.14	0.00	3489.08
RW - 4		01/25/05	3507.22	-	sheen	18.08	0.00	3489.14
RW - 4		01/28/05	3507.22	-	sheen	18.14	0.00	3489.08
RW - 4		02/02/05	3507.22	-	sheen	18.04	0.00	3489.18
RW - 4		02/05/05	3507.22	-	sheen	17.95	0.00	3489.27
RW - 4		02/08/05	3507.22	-	sheen	18.00	0.00	3489.22
RW - 4		02/11/05	3507.22	-	sheen	18.02	0.00	3489.20
RW - 4		02/15/05	3507.22	-	sheen	17.91	0.00	3489.31
RW - 4		02/18/05	3507.22	-	sheen	17.90	0.00	3489.32
RW - 4		02/22/05	3507.22	-	sheen	17.94	0.00	3489.28
RW - 4		02/25/05	3507.22	-	sheen	17.94	0.00	3489.28
RW - 4		03/01/05	3507.22	-	sheen	17.92	0.00	3489.30
RW - 4		03/04/05	3507.22	-	sheen	17.89	0.00	3489.33
RW - 4		03/08/05	3507.22	-	sheen	17.84	0.00	3489.38
RW - 4		03/08/05	3507.22	-	sheen	17.84	0.00	3489.38
RW - 4		03/11/05	3507.22	-	sheen	17.87	0.00	3489.35
RW - 4		03/15/05	3507.22	-	sheen	17.82	0.00	3489.40
RW - 4		03/18/05	3507.22	-	sheen	17.88	0.00	3489.34
RW - 4		03/22/05	3507.22	-	sheen	17.71	0.00	3489.51
RW - 4		03/28/05	3507.22	-	sheen	17.68	0.00	3489.54
RW - 4		04/01/05	3507.22	-	sheen	17.70	0.00	3489.52
RW - 4		04/05/05	3507.22	-	sheen	17.68	0.00	3489.54
RW - 4		04/08/05	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		04/12/05	3507.22	-	sheen	17.65	0.00	3489.57

TABLE 4

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Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		04/15/05	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		05/25/05	3507.22	-	sheen	17.43	0.00	3489.79
RW - 4		05/27/05	3507.22	-	sheen	17.42	0.00	3489.80
RW - 4		05/31/05	3507.22	-	sheen	17.40	0.00	3489.82
RW - 4		06/03/05	3507.22	-	sheen	17.35	0.00	3489.87
RW - 4		06/06/05	3507.22	-	sheen	17.36	0.00	3489.86
RW - 4		06/08/05	3507.22	-	sheen	17.36	0.00	3489.86
RW - 4		06/13/05	3507.22	-	sheen	17.35	0.00	3489.87
RW - 4		06/20/05	3507.22	-	sheen	17.38	0.00	3489.84
RW - 4		06/24/05	3507.22	-	sheen	17.39	0.00	3489.83
RW - 4		06/27/05	3507.22	-	sheen	17.34	0.00	3489.88
RW - 4		07/11/05	3507.22	-	sheen	17.48	0.00	3489.74
RW - 4		07/15/05	3507.22	-	sheen	17.51	0.00	3489.71
RW - 4		07/18/05	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		07/21/05	3507.22	-	sheen	17.63	0.00	3489.59
RW - 4		07/25/05	3507.22	-	sheen	17.74	0.00	3489.48
RW - 4		08/01/05	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		08/04/05	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		08/12/05	3507.22	-	sheen	17.75	0.00	3489.47
RW - 4		08/15/05	3507.22	-	17.71	17.72	0.01	3489.51
RW - 4		08/23/05	3507.22	-	sheen	17.60	0.00	3489.62
RW - 4		08/30/05	3507.22	-	sheen	17.53	0.00	3489.69
RW - 4		09/06/05	3507.22	-	sheen	17.44	0.00	3489.78
RW - 4		09/13/05	3507.22	-	17.48	17.49	0.01	3489.74
RW - 4		09/15/05	3507.22	-	17.47	17.48	0.01	3489.75
RW - 4		09/19/05	3507.22	-	sheen	17.55	0.00	3489.67
RW - 4		09/27/05	3507.22	-	sheen	17.56	0.00	3489.66
RW - 4		10/03/05	3507.22	-	sheen	17.64	0.00	3489.58
RW - 4		10/08/05	3507.22	-	sheen	17.34	0.00	3489.88
RW - 4		10/10/05	3507.22	-	sheen	17.54	0.00	3489.68
RW - 4		10/17/05	3507.22	-	sheen	17.49	0.00	3489.73
RW - 4		10/24/05	3507.22	-	sheen	17.48	0.00	3489.74
RW - 4		10/31/05	3507.22	-	sheen	17.39	0.00	3489.83
RW - 4		11/15/05	3507.22	-	sheen	17.49	0.00	3489.73
RW - 4		11/22/05	3507.22	-	sheen	17.40	0.00	3489.82
RW - 4		11/27/05	3507.22	-	17.35	17.36	0.01	3489.87
RW - 4		12/07/05	3507.22	-	17.36	17.37	0.01	3489.86
RW - 4		12/12/05	3507.22	-	17.31	17.34	0.03	3489.91
RW - 4		12/16/05	3507.22	-	17.33	17.34	0.01	3489.89
RW - 4		12/22/05	3507.22	-	17.35	17.37	0.02	3489.87
RW - 4		12/27/05	3507.22	-	sheen	17.38	0.00	3489.84
RW - 4		01/03/06	3507.22	-	sheen	17.46	0.00	3489.76
RW - 4		01/09/06	3507.22	-	sheen	17.47	0.00	3489.75
RW - 4		01/16/06	3507.22	-	sheen	17.56	0.00	3489.66
RW - 4		01/23/06	3507.22	-	sheen	17.39	0.00	3489.83
RW - 4		01/30/06	3507.22	-	sheen	17.38	0.00	3489.84
RW - 4		02/06/06	3507.22	-	sheen	17.33	0.00	3489.89
RW - 4		02/14/06	3507.22	-	sheen	17.33	0.00	3489.89
RW - 4		02/21/06	3507.22	-	sheen	17.29	0.00	3489.93
RW - 4		03/01/06	3507.22	-	sheen	17.27	0.00	3489.95
RW - 4		03/06/06	3507.22	-	sheen	17.29	0.00	3489.93
RW - 4		03/15/06	3507.22	-	sheen	17.20	0.00	3490.02
RW - 4		03/16/06	3507.22	-	17.28	17.29	0.01	3489.94
RW - 4		03/21/06	3507.22	-	sheen	17.34	0.00	3489.88
RW - 4		03/28/06	3507.22	-	sheen	17.36	0.00	3489.86
RW - 4		04/03/06	3507.22	-	sheen	17.29	0.00	3489.93
RW - 4		04/17/06	3507.22	-	sheen	17.20	0.00	3490.02
RW - 4		05/01/06	3507.22	-	sheen	17.18	0.00	3490.04
RW - 4		05/08/06	3507.22	-	sheen	17.23	0.00	3489.99
RW - 4		05/15/06	3507.22	-	sheen	17.33	0.00	3489.89
RW - 4		05/30/06	3507.22	-	17.50	17.51	0.01	3489.72

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		06/05/06	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		06/12/06	3507.22	-	17.87	17.88	0.01	3489.35
RW - 4		06/15/06	3507.22	-	17.71	17.82	0.11	3489.49
RW - 4		06/19/06	3507.22	-	17.82	17.88	0.06	3489.39
RW - 4		07/03/06	3507.22	-	17.90	17.91	0.01	3489.32
RW - 4		07/10/06	3507.22	-	17.89	17.90	0.01	3489.33
RW - 4		07/17/06	3507.22	-	sheen	17.76	0.00	3489.46
RW - 4		07/26/06	3507.22	-	17.89	17.90	0.01	3489.33
RW - 4		07/31/06	3507.22	-	sheen	17.94	0.00	3489.28
RW - 4		08/07/06	3507.22	-	17.97	18.01	0.04	3489.24
RW - 4		08/17/06	3507.22	-	sheen	17.89	0.00	3489.33
RW - 4		08/21/06	3507.22	-	sheen	17.82	0.00	3489.40
RW - 4		09/06/06	3507.22	-	19.52	19.53	0.01	3487.70
RW - 4		09/11/06	3507.22	-	sheen	18.54	0.00	3488.68
RW - 4		09/18/06	3507.22	-	17.49	17.51	0.02	3489.73
RW - 4		09/25/06	3507.22	-	17.50	17.56	0.06	3489.71
RW - 4		10/02/06	3507.22	-	17.46	17.53	0.07	3489.75
RW - 4		10/09/06	3507.22	-	17.58	17.61	0.03	3489.64
RW - 4		10/17/06	3507.22	-	17.59	17.60	0.01	3489.63
RW - 4		10/23/06	3507.22	-	17.50	17.52	0.02	3489.72
RW - 4		10/30/06	3507.22	-	17.48	17.51	0.03	3489.74
RW - 4		11/06/06	3507.22	-	sheen	17.53	0.00	3489.69
RW - 4		11/13/06	3507.22	-	sheen	17.54	0.00	3489.68
RW - 4		11/20/06	3507.22	-	17.45	17.49	0.04	3489.76
RW - 4		11/27/06	3507.22	-	sheen	17.52	0.00	3489.70
RW - 4		11/30/06	3507.22	-	17.63	17.64	0.01	3489.59
RW - 4		12/04/06	3507.22	-	sheen	17.53	0.00	3489.69
RW - 4		12/12/06	3507.22	-	sheen	17.56	0.00	3489.66
RW - 4		12/18/06	3507.22	-	17.48	17.64	0.16	3489.72
RW - 4		01/02/07	3507.22	-	17.38	17.42	0.04	3489.83
RW - 4		01/11/07	3507.22	-	17.42	17.43	0.01	3489.80
RW - 4		01/18/07	3507.22	-	17.34	17.37	0.03	3489.88
RW - 4		01/22/07	3507.22	-	17.41	17.44	0.03	3489.81
RW - 4		02/05/07	3507.22	-	17.44	17.46	0.02	3489.78
RW - 4		02/12/07	3507.22	-	-	17.35	0.00	3489.87
RW - 4		02/19/07	3507.22	-	-	17.34	0.00	3489.88
RW - 4		02/27/07	3507.22	-	17.27	17.33	0.06	3489.94
RW - 4		03/05/07	3507.22	-	17.29	17.35	0.06	3489.92
RW - 4		03/12/07	3507.22	-	17.35	17.36	0.01	3489.87
RW - 4		03/19/07	3507.22	-	17.36	17.38	0.02	3489.86
RW - 4		04/02/07	3507.22	-	sheen	17.32	0.00	3489.90
RW - 4		04/09/07	3507.22	-	17.25	17.26	0.01	3489.97
RW - 4		05/01/07	3507.22	-	17.26	17.27	0.01	3489.96
RW - 4		05/12/07	3507.22	-	17.26	17.27	0.01	3489.96
RW - 4		05/17/07	3507.22	-	17.16	17.17	0.01	3490.06
RW - 4		05/21/07	3507.22	-	17.14	17.16	0.02	3490.08
RW - 4		05/22/07	3507.22	-	17.14	17.16	0.02	3490.08
RW - 4		06/01/07	3507.22	-	-	17.12	0.00	3490.10
RW - 4		06/06/07	3507.22	-	sheen	17.16	0.00	3490.06
RW - 4		06/11/07	3507.22	-	17.19	17.21	0.02	3490.03
RW - 4		06/19/07	3507.22	-	sheen	17.30	0.00	3489.92
RW - 4		06/25/07	3507.22	-	sheen	17.43	0.00	3489.79
RW - 4		07/03/07	3507.22	-	sheen	17.53	0.00	3489.69
RW - 4		07/23/07	3507.22	-	sheen	17.70	0.00	3489.52
RW - 4		07/31/07	3507.22	-	sheen	17.79	0.00	3489.43
RW - 4		08/15/07	3507.22	-	sheen	17.92	0.00	3489.30
RW - 4		09/24/07	3507.22	-	sheen	17.87	0.00	3489.35
RW - 4		11/05/07	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		11/06/07	3507.22	-	sheen	17.76	0.00	3489.46
RW - 4		11/12/07	3507.22	-	sheen	17.82	0.00	3489.40
RW - 4		11/30/07	3507.22	-	sheen	17.80	0.00	3489.42

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		12/14/07	3507.22	-	sheen	17.60	0.00	3489.62
RW - 4		01/09/08	3507.22	-	sheen	17.56	0.00	3489.66
RW - 4		01/16/08	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		01/21/08	3507.22	-	sheen	17.63	0.00	3489.59
RW - 4		01/30/08	3507.22	-	sheen	17.46	0.00	3489.76
RW - 4		02/08/08	3507.22	-	sheen	17.56	0.00	3489.66
RW - 4		02/12/08	3507.22	-	-	17.53	0.00	3489.69
RW - 4		02/14/08	3507.22	-	sheen	17.54	0.00	3489.68
RW - 4		02/20/08	3507.22	-	sheen	17.49	0.00	3489.73
RW - 4		02/28/08	3507.22	-	sheen	17.53	0.00	3489.69
RW - 4		03/05/08	3507.22	-	sheen	17.57	0.00	3489.65
RW - 4		03/13/08	3507.22	-	sheen	17.50	0.00	3489.72
RW - 4		03/19/08	3507.22	-	sheen	17.52	0.00	3489.70
RW - 4		03/24/08	3507.22	-	sheen	17.51	0.00	3489.71
RW - 4		04/02/08	3507.22	-	sheen	17.51	0.00	3489.71
RW - 4		04/14/08	3507.22	-	sheen	17.50	0.00	3489.72
RW - 4		05/07/08	3507.22	-	sheen	17.47	0.00	3489.75
RW - 4		05/13/08	3507.22	-	sheen	17.45	0.00	3489.77
RW - 4		05/14/08	3507.22	-	sheen	17.49	0.00	3489.73
RW - 4		06/09/08	3507.22	-	sheen	18.02	0.00	3489.20
RW - 4		06/16/08	3507.22	-	sheen	17.52	0.00	3489.70
RW - 4		06/23/08	3507.22	-	sheen	17.92	0.00	3489.30
RW - 4		06/30/08	3507.22	-	18.07	18.08	0.01	3489.15
RW - 4		07/14/08	3507.22	-	sheen	18.17	0.00	3489.05
RW - 4		07/29/08	3507.22	-	sheen	18.17	0.00	3489.05
RW - 4		08/04/08	3507.22	-	sheen	18.20	0.00	3489.02
RW - 4		08/14/08	3507.22	-	sheen	18.28	0.00	3488.94
RW - 4		08/18/08	3507.22	-	sheen	18.25	0.00	3488.97
RW - 4		08/28/08	3507.22	-	sheen	18.22	0.00	3489.00
RW - 4		09/17/08	3507.22	-	sheen	17.95	0.00	3489.27
RW - 4		09/29/08	3507.22	-	sheen	17.96	0.00	3489.26
RW - 4		10/06/08	3507.22	-	sheen	17.97	0.00	3489.25
RW - 4		10/13/08	3507.22	-	sheen	17.92	0.00	3489.30
RW - 4		10/20/08	3507.22	-	sheen	18.10	0.00	3489.12
RW - 4		10/29/08	3507.22	-	sheen	17.77	0.00	3489.45
RW - 4		11/06/08	3507.22	-	sheen	17.81	0.00	3489.41
RW - 4		11/12/08	3507.22	-	sheen	17.84	0.00	3489.38
RW - 4		11/13/08	3507.22	-	sheen	17.84	0.00	3489.38
RW - 4		12/22/08	3507.22	-	sheen	17.78	0.00	3489.44
RW - 4		01/06/09	3507.22	-	sheen	17.74	0.00	3489.48
RW - 4		01/12/09	3507.22	-	sheen	17.74	0.00	3489.48
RW - 4		01/19/09	3507.22	-	sheen	18.73	0.00	3488.49
RW - 4		01/26/09	3507.22	-	sheen	17.71	0.00	3489.51
RW - 4		02/10/09	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		02/13/09	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		02/16/09	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		02/24/09	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		03/02/09	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		03/05/09	3507.22	-	sheen	17.70	0.00	3489.52
RW - 4		03/09/09	3507.22	-	sheen	17.65	0.00	3489.57
RW - 4		03/16/09	3507.22	-	sheen	17.78	0.00	3489.44
RW - 4		03/19/09	3507.22	-	sheen	17.72	0.00	3489.50
RW - 4		03/25/09	3507.22	-	sheen	17.75	0.00	3489.47
RW - 4		03/30/09	3507.22	-	sheen	17.73	0.00	3489.49
RW - 4		04/13/09	3507.22	-	sheen	17.61	0.00	3489.61
RW - 4		04/16/09	3507.22	-	sheen	17.75	0.00	3489.47
RW - 4		04/21/09	3507.22	-	sheen	17.77	0.00	3489.45
RW - 4		04/27/09	3507.22	-	sheen	17.64	0.00	3489.58
RW - 4		04/30/09	3507.22	-	sheen	17.76	0.00	3489.46
RW - 4		05/06/09	3507.22	-	sheen	17.77	0.00	3489.45
RW - 4		05/12/09	3507.22	-	sheen	17.62	0.00	3489.60

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		05/19/09	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		05/26/09	3507.22	-	sheen	17.71	0.00	3489.51
RW - 4		06/01/09	3507.22	-	sheen	17.80	0.00	3489.42
RW - 4		06/12/09	3507.22	-	sheen	17.95	0.00	3489.27
RW - 4		06/15/09	3507.22	-	sheen	17.88	0.00	3489.34
RW - 4		06/22/09	3507.22	-	-	18.02	0.00	3489.20
RW - 4		06/24/09	3507.22	-	sheen	17.80	0.00	3489.42
RW - 4		06/29/09	3507.22	-	sheen	18.02	0.00	3489.20
RW - 4		07/06/09	3507.22	-	sheen	18.25	0.00	3488.97
RW - 4		07/09/09	3507.22	-	sheen	17.68	0.00	3489.54
RW - 4		07/13/09	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		07/20/09	3507.22	-	sheen	17.67	0.00	3489.55
RW - 4		07/23/09	3507.22	-	sheen	18.27	0.00	3488.95
RW - 4		07/27/09	3507.22	-	sheen	18.28	0.00	3488.94
RW - 4		07/29/09	3507.22	-	-	18.25	0.00	3488.97
RW - 4		08/03/09	3507.22	-	sheen	18.11	0.00	3489.11
RW - 4		08/10/09	3507.22	-	sheen	18.29	0.00	3488.93
RW - 4		08/10/09	3507.22	-	sheen	18.29	0.00	3488.93
RW - 4		08/18/09	3507.22	-	sheen	18.28	0.00	3488.94
RW - 4		08/24/09	3507.22	-	sheen	18.38	0.00	3488.84
RW - 4		08/28/09	3507.22	-	sheen	18.32	0.00	3488.90
RW - 4		08/31/09	3507.22	-	sheen	18.48	0.00	3488.74
RW - 4		09/02/09	3507.22	-	sheen	18.35	0.00	3488.87
RW - 4		09/08/09	3507.22	-	sheen	18.49	0.00	3488.73
RW - 4		09/10/09	3507.22	-	sheen	18.40	0.00	3488.82
RW - 4		09/16/09	3507.22	-	sheen	18.45	0.00	3488.77
RW - 4		09/18/09	3507.22	-	sheen	18.42	0.00	3488.80
RW - 4		09/22/09	3507.22	-	sheen	18.52	0.00	3488.70
RW - 4		09/28/09	3507.22	-	sheen	18.34	0.00	3488.88
RW - 4		10/09/09	3507.22	-	sheen	18.46	0.00	3488.76
RW - 4		10/12/09	3507.22	-	sheen	17.69	0.00	3489.53
RW - 4		10/20/09	3507.22	-	sheen	18.54	0.00	3488.68
RW - 4		10/26/09	3507.22	-	sheen	18.69	0.00	3488.53
RW - 4		10/28/09	3507.22	-	sheen	18.63	0.00	3488.59
RW - 4		11/03/09	3507.22	-	sheen	18.52	0.00	3488.70
RW - 4		11/12/09	3507.22	-	sheen	18.45	0.00	3488.77
RW - 4		11/18/09	3507.22	-	sheen	18.58	0.00	3488.64
RW - 4		12/03/09	3507.22	-	sheen	18.48	0.00	3488.74
RW - 4		12/11/09	3507.22	-	sheen	18.45	0.00	3488.77
RW - 4		12/16/09	3507.22	-	sheen	18.45	0.00	3488.77
RW - 4		12/21/09	3507.22	-	sheen	18.52	0.00	3488.70
RW - 4		12/28/09	3507.22	-	sheen	18.57	0.00	3488.65
RW - 4		01/04/10	3507.22	-	sheen	18.48	0.00	3488.74
RW - 4		01/14/10	3507.22	-	sheen	18.48	0.00	3488.74
RW - 4		01/20/10	3507.22	-	sheen	18.35	0.00	3488.87
RW - 4		01/25/10	3507.22	-	sheen	18.49	0.00	3488.73
RW - 4		01/27/10	3507.22	-	sheen	18.36	0.00	3488.86
RW - 4		02/01/10	3507.22	-	sheen	18.24	0.00	3488.98
RW - 4		02/08/10	3507.22	-	sheen	18.24	0.00	3488.98
RW - 4		02/09/10	3507.22	-	sheen	18.44	0.00	3488.78
RW - 4		02/19/10	3507.22	-	-	18.21	0.00	3489.01
RW - 4		02/26/10	3507.22	-	sheen	18.27	0.00	3488.95
RW - 4		03/01/10	3507.22	-	sheen	18.46	0.00	3488.76
RW - 4		03/04/10	3507.22	-	sheen	18.24	0.00	3488.98
RW - 4		03/08/10	3507.22	-	sheen	18.27	0.00	3488.95
RW - 4		03/11/10	3507.22	-	sheen	18.53	0.00	3488.69
RW - 4		03/15/10	3507.22	-	sheen	18.25	0.00	3488.97
RW - 4		03/17/10	3507.22	-	sheen	18.10	0.00	3489.12
RW - 4		03/22/10	3507.22	-	sheen	18.07	0.00	3489.15
RW - 4		03/29/10	3507.22	-	sheen	18.05	0.00	3489.17
RW - 4		04/05/10	3507.22	-	sheen	18.10	0.00	3489.12

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		04/14/10	3507.22	-	sheen	18.05	0.00	3489.17
RW - 4		04/16/10	3507.22	-	sheen	17.99	0.00	3489.23
RW - 4		04/19/10	3507.22	-	sheen	18.08	0.00	3489.14
RW - 4		04/28/10	3507.22	-	sheen	17.99	0.00	3489.23
RW - 4		05/05/10	3507.22	-	sheen	17.90	0.00	3489.32
RW - 4		05/12/10	3507.22	-	sheen	18.00	0.00	3489.22
RW - 4		05/14/10	3507.22	-	sheen	18.01	0.00	3489.21
RW - 4		05/21/10	3507.22	-	sheen	18.00	0.00	3489.22
RW - 4		05/26/10	3507.22	-	sheen	17.92	0.00	3489.30
RW - 4		06/04/10	3507.22	-	sheen	18.03	0.00	3489.19
RW - 4		06/07/10	3507.22	-	sheen	18.08	0.00	3489.14
RW - 4		06/12/10	3507.22	-	sheen	18.12	0.00	3489.10
RW - 4		06/24/10	3507.22	-	sheen	18.23	0.00	3488.99
RW - 4		07/07/10	3507.22	-	sheen	17.96	0.00	3489.26
RW - 4		07/12/10	3507.22	-	sheen	17.74	0.00	3489.48
RW - 4		07/19/10	3507.22	-	sheen	17.68	0.00	3489.54
RW - 4		07/26/10	3507.22	-	-	-	0.00	-
RW - 4		08/03/10	3507.22	-	-	17.59	0.00	3489.63
RW - 4		08/11/10	3507.22	-	sheen	17.59	0.00	3489.63
RW - 4		08/19/10	3507.22	-	sheen	17.58	0.00	3489.64
RW - 4		08/25/10	3507.22	-	sheen	17.66	0.00	3489.56
RW - 4		09/01/10	3507.22	-	sheen	17.73	0.00	3489.49
RW - 4		09/09/10	3507.22	-	sheen	17.91	0.00	3489.31
RW - 4		09/13/10	3507.22	-	sheen	17.61	0.00	3489.61
RW - 4		09/29/10	3507.22	-	sheen	17.90	0.00	3489.32
RW - 4		10/05/10	3507.22	-	sheen	17.63	0.00	3489.59
RW - 4		10/20/10	3507.22	-	sheen	17.65	0.00	3489.57
RW - 4		10/25/10	3507.22	-	sheen	17.65	0.00	3489.57
RW - 4		11/03/10	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		11/10/10	3507.22	-	sheen	18.01	0.00	3489.21
RW - 4		11/12/10	3507.22	-	sheen	18.01	0.00	3489.21
RW - 4		12/09/10	3507.22	-	sheen	17.62	0.00	3489.60
RW - 4		01/18/11	3507.22	-	sheen	18.02	0.00	3489.20
RW - 4		02/16/11	3507.22	-	sheen	18.03	0.00	3489.19
RW - 4		03/01/11	3507.22	-	sheen	18.82	0.00	3488.40
RW - 4		03/07/11	3507.22	-	sheen	17.79	0.00	3489.43
RW - 4		03/22/11	3507.22	-	sheen	18.03	0.00	3489.19
RW - 4		04/27/11	3507.22	-	sheen	17.85	0.00	3489.37
RW - 4		05/05/11	3507.22	-	sheen	17.86	0.00	3489.36
RW - 4		05/19/11	3507.22	-	sheen	18.06	0.00	3489.16
RW - 4		06/08/11	3507.22	-	sheen	18.20	0.00	3489.02
RW - 4		07/06/11	3507.22	-	sheen	18.34	0.00	3488.88
RW - 4		07/14/11	3507.22	-	sheen	18.43	0.00	3488.79
RW - 4		07/20/11	3507.22	-	-	18.39	0.00	3488.83
RW - 4		07/27/11	3507.22	-	-	18.50	0.00	3488.72
RW - 4		08/03/11	3507.22	-	-	18.47	0.00	3488.75
RW - 4		08/10/11	3507.22	-	-	18.51	0.00	3488.71
RW - 4		08/18/11	3507.22	-	-	18.48	0.00	3488.74
RW - 4		08/25/11	3507.22	-	-	18.55	0.00	3488.67
RW - 4		09/07/11	3507.22	-	-	18.17	0.00	3489.05
RW - 4		09/14/11	3507.22	-	-	18.76	0.00	3488.46
RW - 4		11/14/11	3507.22	-	-	18.53	0.00	3488.69
RW - 4		12/01/11	3507.22	-	-	18.57	0.00	3488.65
RW - 4		12/08/11	3507.22	-	-	18.52	0.00	3488.70
RW - 4		12/14/11	3507.22	-	-	18.55	0.00	3488.67
RW - 4		01/12/12	3507.22	-	-	18.56	0.00	3488.66
RW - 4		01/19/12	3507.22	-	-	18.52	0.00	3488.70
RW - 4		02/03/12	3507.22	-	-	18.52	0.00	3488.70
RW - 4		02/29/12	3507.22	-	-	18.26	0.00	3488.96
RW - 4		05/02/12	3507.22	-	-	18.18	0.00	3489.04
RW - 4		12/06/12	3507.22	-	-	20.44	0.00	3486.78

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4		12/11/12	3507.22	-	-	20.46	0.00	3486.76
RW - 4		12/18/12	3507.22	-	-	20.43	0.00	3486.79
RW - 4		01/09/13	3507.22	-	-	20.39	0.00	3486.83
RW - 4		01/15/13	3507.22	-	-	20.35	0.00	3486.87
RW - 4		01/23/13	3507.22	-	-	20.36	0.00	3486.86
RW - 4		01/29/13	3507.22	-	-	20.35	0.00	3486.87
RW - 4		02/07/13	3507.22	-	-	20.35	0.00	3486.87
RW - 4		02/13/13	3507.22	-	-	20.38	0.00	3486.84
RW - 4		02/20/13	3507.22	-	-	20.64	0.00	3486.58
RW - 4		02/25/13	3507.22	-	-	20.51	0.00	3486.71
RW - 4		04/30/13	3507.22	-	-	20.30	0.00	3486.92
RW - 4		05/08/13	3507.22	-	-	20.32	0.00	3486.90
RW - 4		05/22/13	3507.22	-	-	20.33	0.00	3486.89
RW - 4		06/04/13	3507.22	-	-	20.28	0.00	3486.94
RW - 4		06/19/13	3507.22	-	-	20.25	0.00	3486.97
RW - 4		06/28/13	3507.22	-	-	20.46	0.00	3486.76
RW - 4		07/01/13	3507.22	-	-	20.75	0.00	3486.47
RW - 4		07/08/13	3507.22	-	-	20.75	0.00	3486.47
RW - 4		07/23/13	3507.22	-	-	20.64	0.00	3486.58
RW - 4		07/30/13	3507.22	-	-	20.68	0.00	3486.54
RW - 4		08/05/13	3507.22	-	-	20.77	0.00	3486.45
RW - 4		08/12/13	3507.22	23.80	-	20.61	0.00	3486.61
RW - 4		08/22/13	3507.22	-	-	20.72	0.00	3486.50
RW - 4		08/29/13	3507.22	-	-	20.78	0.00	3486.44
RW - 4		09/05/13	3507.22	-	-	20.83	0.00	3486.39
RW - 4		09/10/13	3507.22	-	-	20.96	0.00	3486.26
RW - 4		09/17/13	3507.22	-	-	20.89	0.00	3486.33
RW - 4		09/24/13	3507.22	-	-	20.84	0.00	3486.38
RW - 4		10/07/13	3507.22	-	-	20.86	0.00	3486.36
RW - 4		11/14/13	-	-	-	23.14	0.00	-
RW - 4		11/20/13	-	26.21	-	23.15	0.00	-
RW - 4		12/12/13	-	-	-	23.12	0.00	-
RW - 4		12/19/13	-	-	-	23.10	0.00	-
RW - 4		01/03/14	-	-	-	23.18	0.00	-
RW - 4		01/09/14	-	-	-	23.09	0.00	-
RW - 4		01/13/14	-	-	-	23.20	0.00	-
RW - 4		01/21/14	-	-	-	23.05	0.00	-
RW - 4		01/24/14	-	-	-	23.15	0.00	-
RW - 4	John Flores	02/04/14	3512.62	26.21	-	23.06	0.00	3489.56
RW - 4		02/10/14	3512.62	-	-	23.06	0.00	3489.56
RW - 4	David F.	02/27/14	3512.62	-	-	23.40	0.00	3489.22
RW - 4	David F.	03/17/14	3512.62	-	-	22.94	0.00	3489.68
RW - 4	David F.	03/27/14	3512.62	-	-	22.89	0.00	3489.73
RW - 4	David & Jose	04/02/14	3512.62	-	-	22.88	0.00	3489.74
RW - 4	Manny & Lira	04/16/14	3512.62	-	-	22.72	0.00	3489.90
RW - 4	David & Justin	04/22/14	3512.62	-	-	22.73	0.00	3489.89
RW - 4	David & Justin	04/28/14	3512.62	-	-	22.75	0.00	3489.87
RW - 4	Manny & Chanc	05/06/14	3512.62	-	-	22.71	0.00	3489.91
RW - 4	Manny	05/13/14	3512.62	-	-	22.76	0.00	3489.86
RW - 4	Jose & Chance	05/14/14	3512.62	25.78	-	22.75	0.00	3489.87
RW - 4	Manny	05/21/14	3512.62	25.78	-	22.73	0.00	3489.89
RW - 4	Manny & Chanc	06/05/14	3512.62	-	-	22.85	0.00	3489.77
RW - 4	Manny	06/11/14	3512.62	-	-	22.92	0.00	3489.70
RW - 4	Manny	06/16/14	3512.62	-	-	23.01	0.00	3489.61
RW - 4	Manny	06/24/14	3512.62	-	-	23.11	0.00	3489.51
RW - 4	Manny	07/01/14	3512.62	-	-	23.18	0.00	3489.44
RW - 4	David	07/08/14	3512.62	-	-	23.23	0.00	3489.39
RW - 4	Manny	07/15/14	3512.62	-	-	23.29	0.00	3489.33
RW - 4	Manny	07/22/14	3512.62	-	-	23.33	0.00	3489.29
RW - 4	Manny	07/23/14	3512.62	-	-	23.33	0.00	3489.29
RW - 4	Manny	07/31/14	3512.62	-	-	23.38	0.00	3489.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4	David F.	08/05/14	3512.62	25.78	-	23.39	0.00	3489.23
RW - 4	Manny	08/07/14	3512.62	25.78	-	23.39	0.00	3489.23
RW - 4	Manny	08/15/14	3512.62	-	-	23.41	0.00	3489.21
RW - 4	Manny	08/20/14	3512.62	-	-	23.43	0.00	3489.19
RW - 4	Manny	08/27/14	3512.62	-	-	23.47	0.00	3489.15
RW - 4	Manny	09/24/14	3512.62	-	-	22.85	0.00	3489.77
RW - 4	Manny	10/01/14	3512.62	-	-	22.49	0.00	3490.13
RW - 4	Manny	10/07/14	3512.62	-	-	22.40	0.00	3490.22
RW - 4	Manny	10/14/14	3512.62	-	22.32	22.38	0.06	3490.29
RW - 4	Manny	10/15/14	3512.62	-	22.32	22.38	0.06	3490.29
RW - 4	Manny	10/20/14	3512.62	-	22.28	22.32	0.04	3490.33
RW - 4	Manny	10/24/14	3512.62	-	22.30	22.33	0.03	3490.32
RW - 4	Manny	10/27/14	3512.62	-	22.27	22.28	0.01	3490.35
RW - 4	Manny	11/03/14	3512.62	-	22.25	22.50	0.25	3490.33
RW - 4	Manny	11/11/14	3512.62	-	22.29	22.33	0.04	3490.32
RW - 4	Manny	11/19/14	3512.62	-	22.21	22.63	0.42	3490.35
RW - 4	Manny	12/08/14	3512.62	-	22.24	22.50	0.26	3490.34
RW - 4	Manny	12/15/14	3512.62	-	-	22.24	0.00	3490.38
RW - 4	Manny	12/18/14	3512.62	-	22.20	22.26	0.06	3490.41
RW - 4	Manny	12/22/14	3512.62	-	22.20	22.26	0.06	3490.41
RW - 4	Manny	12/29/14	3512.62	-	22.23	22.26	0.03	3490.39
RW - 4	Manny	01/05/15	3512.62	-	22.24	22.28	0.04	3490.37
RW - 4	Manny	01/12/15	3512.62	-	-	22.49	0.00	3490.13
RW - 4	Manny	01/19/15	3512.62	-	-	22.37	0.00	3490.25
RW - 4	Manny	02/04/15	3512.62	-	-	22.24	0.00	3490.38
RW - 4	Manny	02/09/15	3512.62	25.65	-	22.21	0.00	3490.41
RW - 4	Manny	02/19/15	3512.62	-	-	22.43	0.00	3490.19
RW - 4	Manny/Art	03/03/15	3512.62	-	-	22.34	0.00	3490.28
RW - 4	Manny	03/09/15	3512.62	-	-	22.50	0.00	3490.12
RW - 4	Carlos	03/16/15	3512.62	-	-	22.49	0.00	3490.13
RW - 4	Manny	03/20/15	3512.62	-	-	22.39	0.00	3490.23
RW - 4	Carlos	03/23/15	3512.62	-	-	22.34	0.00	3490.28
RW - 4	Manny/Art	03/30/15	3512.62	-	-	22.57	0.00	3490.05
RW - 4	Manny	04/04/15	3512.62	-	22.77	22.84	0.07	3489.84
RW - 4	Manny/Art	04/07/15	3512.62	-	-	22.32	0.00	3490.30
RW - 4	Manny/Art	04/14/15	3512.62	-	-	22.25	0.00	3490.37
RW - 4	Carlos/ Matt	04/20/15	3512.62	-	-	22.23	0.00	3490.39
RW - 4	Manny/Art	04/27/15	3512.62	-	-	22.24	0.00	3490.38
RW - 4	Carlos	05/07/15	3512.62	-	-	22.19	0.00	3490.43
RW - 4	Carlos	05/11/15	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Carlos	05/21/15	3512.62	-	-	22.16	0.00	3490.46
RW - 4	Manny/Art	05/27/15	3512.62	25.23	-	22.13	0.00	3490.49
RW - 4	Carlos	05/28/15	3512.62	-	-	22.13	0.00	3490.49
RW - 4	Manny	06/03/15	3512.62	-	-	22.17	0.00	3490.45
RW - 4	Manny	06/08/15	3512.62	-	-	-	0.00	-
RW - 4	Manny	06/15/15	3512.62	-	-	22.11	0.00	3490.51
RW - 4	Arthur	06/25/15	3512.62	-	-	22.16	0.00	3490.46
RW - 4	Manny/Arthur	06/29/15	3512.62	-	-	22.15	0.00	3490.47
RW - 4	Manny	07/08/15	3512.62	-	-	22.23	0.00	3490.39
RW - 4	Carlos	07/09/15	3512.62	-	-	22.22	0.00	3490.40
RW - 4	Manny	07/14/15	3512.62	-	-	22.25	0.00	3490.37
RW - 4	Arthur	07/20/15	3512.62	-	-	22.28	0.00	3490.34
RW - 4	Manny	07/28/15	3512.62	-	-	22.42	0.00	3490.20
RW - 4	Manny/Arthur	08/03/15	3512.62	25.02	-	22.45	0.00	3490.17
RW - 4	Carlos	08/04/15	3512.62	-	-	22.46	0.00	3490.16
RW - 4	Carlos	08/10/15	3512.62	-	-	22.54	0.00	3490.08
RW - 4	Carlos	08/17/15	3512.62	-	-	22.55	0.00	3490.07
RW - 4	Carlos	08/25/15	3512.62	-	-	22.48	0.00	3490.14
RW - 4	Arthur/Carlos	08/31/15	3512.62	-	-	22.51	0.00	3490.11
RW - 4	Carlos	09/08/15	3512.62	-	-	22.57	0.00	3490.05
RW - 4	Carlos	09/15/15	3512.62	-	-	22.55	0.00	3490.07

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4	Manny	09/24/15	3512.62	-	-	22.75	0.00	3489.87
RW - 4	Manny	09/28/15	3512.62	-	-	22.79	0.00	3489.83
RW - 4	Manny	10/06/15	3512.62	-	-	22.74	0.00	3489.88
RW - 4	Carlos	10/12/15	3512.62	-	-	22.73	0.00	3489.89
RW - 4	Manny	10/26/15	3512.62	-	-	22.68	0.00	3489.94
RW - 4	Manny	11/06/15	3512.62	-	-	22.39	0.00	3490.23
RW - 4	Carlos	11/10/15	3512.62	-	-	22.25	0.00	3490.37
RW - 4	Manny	11/18/15	3512.62	24.39	-	22.32	0.00	3490.30
RW - 4	Carlos	12/02/15	3512.62	-	-	22.30	0.00	3490.32
RW - 4	Carlos	12/07/15	3512.62	-	-	22.17	0.00	3490.45
RW - 4	Carlos	12/14/15	3512.62	-	-	22.25	0.00	3490.37
RW - 4	Carlos	01/05/16	3512.62	-	-	22.17	0.00	3490.45
RW - 4	Manny	01/08/16	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Manny	01/12/16	3512.62	-	-	22.29	0.00	3490.33
RW - 4	Carlos	01/18/16	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Carlos	01/25/16	3512.62	-	-	22.16	0.00	3490.46
RW - 4	Carlos	02/01/16	3512.62	-	-	22.15	0.00	3490.47
RW - 4	Carlos	02/08/16	3512.62	-	-	22.21	0.00	3490.41
RW - 4	Carlos	02/19/16	3512.62	-	-	22.14	0.00	3490.48
RW - 4	Manny	02/23/16	3512.62	24.55	-	22.13	0.00	3490.49
RW - 4	Manny	03/03/16	3512.62	-	-	22.13	0.00	3490.49
RW - 4	Carlos	03/07/16	3512.62	-	-	22.14	0.00	3490.48
RW - 4	Carlos	03/15/16	3512.62	-	-	22.12	0.00	3490.50
RW - 4	Manny	03/21/16	3512.62	-	-	22.08	0.00	3490.54
RW - 4	Carlos	03/28/16	3512.62	-	-	22.07	0.00	3490.55
RW - 4	Carlos	04/05/16	3512.62	-	-	22.05	0.00	3490.57
RW - 4	Manny	04/08/16	3512.62	-	-	22.07	0.00	3490.55
RW - 4	Carlos	04/12/16	3512.62	-	-	22.16	0.00	3490.46
RW - 4	Carlos	04/18/16	3512.62	-	-	22.03	0.00	3490.59
RW - 4	Carlos	04/25/16	3512.62	-	-	22.00	0.00	3490.62
RW - 4	Carlos	05/02/16	3512.62	-	-	21.98	0.00	3490.64
RW - 4	Carlos	05/23/16	3512.62	-	-	21.92	0.00	3490.70
RW - 4	Carlos	06/01/16	3512.62	-	-	22.05	0.00	3490.57
RW - 4	Manny	06/06/16	3512.62	24.50	-	22.01	0.00	3490.61
RW - 4	Carlos	06/28/16	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Manny	07/12/16	3512.62	-	-	22.39	0.00	3490.23
RW - 4	Carlos	07/19/16	3512.62	-	-	22.46	0.00	3490.16
RW - 4	Carlos	07/27/16	3512.62	-	-	22.54	0.00	3490.08
RW - 4	Carlos	08/04/16	3512.62	-	-	22.62	0.00	3490.00
RW - 4	Manny/ Wes	08/03/16	3512.62	24.44	-	22.60	0.00	3490.02
RW - 4	Carlos	08/04/16	3512.62	-	-	22.62	0.00	3490.00
RW - 4	Carlos	08/08/16	3512.62	-	-	22.70	0.00	3489.92
RW - 4	Carlos	08/16/16	3512.62	-	-	22.77	0.00	3489.85
RW - 4	Carlos	08/23/16	3512.62	-	-	22.79	0.00	3489.83
RW - 4	Manny	08/31/16	3512.62	-	-	22.52	0.00	3490.10
RW - 4	Carlos	09/14/16	3512.62	-	-	22.10	0.00	3490.52
RW - 4	Carlos	09/22/16	3512.62	-	-	21.90	0.00	3490.72
RW - 4	Manny	09/27/16	3512.62	-	-	21.80	0.00	3490.82
RW - 4	Wesley	10/07/16	3512.62	-	-	22.82	0.00	3489.80
RW - 4	Manny	10/21/16	3512.62	-	-	21.83	0.00	3490.79
RW - 4	Manny	10/28/16	3512.62	-	-	21.86	0.00	3490.76
RW - 4	Manny	11/04/16	3512.62	-	-	21.69	0.00	3490.93
RW - 4	Manny	11/09/16	3512.62	24.45	-	21.58	0.00	3491.04
RW - 4	Wesley	12/06/16	3512.62	-	-	21.56	0.00	3491.06
RW - 4	Manny	12/15/16	3512.62	-	-	21.62	0.00	3491.00
RW - 4	Manny	12/22/16	3512.62	-	-	21.93	0.00	3490.69
RW - 4	Manny	12/29/16	3512.62	-	-	21.77	0.00	3490.85
RW - 4	Carlos	01/05/17	3512.62	-	-	21.85	0.00	3490.77
RW - 4	Manny	01/11/17	3512.62	-	-	21.81	0.00	3490.81
RW - 4	Carlos	01/18/17	3512.62	-	-	21.68	0.00	3490.94
RW - 4	Manny	01/26/17	3512.62	-	-	21.92	0.00	3490.70

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4	Manny	01/31/17	3512.62	-	-	21.70	0.00	3490.92
RW - 4	Carlos	02/10/17	3512.62	-	-	21.75	0.00	3490.87
RW - 4	Wesley	02/17/17	3512.62	-	-	21.66	0.00	3490.96
RW - 4	Manny	02/24/17	3512.62	-	-	21.60	0.00	3491.02
RW - 4	Manny	03/01/17	3512.62	24.50	-	21.71	0.00	3490.91
RW - 4	Carlos	03/09/17	3512.62	-	-	21.86	0.00	3490.76
RW - 4	Wesley	03/15/17	3512.62	-	-	21.80	0.00	3490.82
RW - 4	Manny	03/22/17	3512.62	-	-	21.83	0.00	3490.79
RW - 4	Carlos	03/29/17	3512.62	-	-	22.01	0.00	3490.61
RW - 4	Manny	04/07/17	3512.62	-	-	22.02	0.00	3490.60
RW - 4	Wesley	04/11/17	3512.62	-	-	21.60	0.00	3491.02
RW - 4	Manny	04/20/17	3512.62	-	-	21.60	0.00	3491.02
RW - 4	Jeremy	05/02/17	3512.62	-	-	21.57	0.00	3491.05
RW - 4	Manny	05/12/17	3512.62	-	-	21.59	0.00	3491.03
RW - 4	Jeremy	05/16/17	3512.62	-	-	21.56	0.00	3491.06
RW - 4	Manny	05/23/17	3512.62	24.49	-	21.64	0.00	3490.98
RW - 4	Jeremy	06/05/17	3512.62	-	-	21.68	0.00	3490.94
RW - 4	Manny	06/15/17	3512.62	-	-	21.82	0.00	3490.80
RW - 4	Jeremy	06/28/17	3512.62	-	-	21.91	0.00	3490.71
RW - 4	Jeremy	07/05/17	3512.62	-	-	22.01	0.00	3490.61
RW - 4	Jeremy	07/11/17	3512.62	-	-	22.05	0.00	3490.57
RW - 4	Jeremy	07/17/17	3512.62	-	-	22.09	0.00	3490.53
RW - 4	Jeremy	07/20/17	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Jeremy	08/16/17	3512.62	24.56	-	22.19	0.00	3490.43
RW - 4	Jeremy	09/05/17	3512.62	-	-	22.06	0.00	3490.56
RW - 4	Jeremy	09/13/17	3512.62	-	-	21.48	0.00	3491.14
RW - 4	Jeremy	09/19/17	3512.62	-	-	21.52	0.00	3491.10
RW - 4	Jeremy	09/29/17	3512.62	-	-	21.12	0.00	3491.50
RW - 4	Jeremy	10/05/17	3512.62	-	-	21.10	0.00	3491.52
RW - 4	Jeremy	10/12/17	3512.62	-	-	21.82	0.00	3490.80
RW - 4	Jeremy	10/20/17	3512.62	-	-	21.80	0.00	3490.82
RW - 4	Jeremy	10/24/17	3512.62	-	-	21.95	0.00	3490.67
RW - 4	Jeremy	11/02/17	3512.62	-	-	21.82	0.00	3490.80
RW - 4	Manny / Jeremy	11/14/17	3512.62	-	-	22.02	0.00	3490.60
RW - 4	Jeremy	12/20/17	3512.62	-	-	21.99	0.00	3490.63
RW - 4	Jeremy	12/28/17	3512.62	-	-	21.73	0.00	3490.89
RW - 4	Jeremy	01/03/18	3512.62	-	-	21.67	0.00	3490.95
RW - 4	Jeremy	01/09/18	3512.62	-	-	21.62	0.00	3491.00
RW - 4	Jeremy	01/19/18	3512.62	-	-	21.64	0.00	3490.98
RW - 4	Jeremy	01/24/18	3512.62	-	-	21.67	0.00	3490.95
RW - 4	Jeremy	02/07/18	3512.62	24.79	-	21.88	0.00	3490.74
RW - 4	Jeremy	02/12/18	3512.62	-	-	21.81	0.00	3490.81
RW - 4	Jeremy	02/22/18	3512.62	-	-	21.64	0.00	3490.98
RW - 4	Jeremy	03/02/18	3512.62	-	-	21.60	0.00	3491.02
RW - 4	Jeremy	03/07/18	3512.62	-	-	21.62	0.00	3491.00
RW - 4	Jeremy	03/19/18	3512.62	-	-	21.59	0.00	3491.03
RW - 4	Jeremy	03/29/18	3512.62	-	-	21.58	0.00	3491.04
RW - 4	Jeremy	04/02/18	3512.62	-	-	21.56	0.00	3491.06
RW - 4	Jeremy	04/11/18	3512.62	-	-	21.56	0.00	3491.06
RW - 4	Jeremy	04/16/18	3512.62	-	-	21.04	0.00	3491.58
RW - 4	Jeremy	04/25/18	3512.62	-	-	21.58	0.00	3491.04
RW - 4	Jeremy	05/01/18	3512.62	-	-	21.56	0.00	3491.06
RW - 4	Jeremy	05/08/18	3512.62	-	-	21.57	0.00	3491.05
RW - 4	Jeremy	05/22/18	3512.62	24.57	-	21.88	0.00	3490.74
RW - 4	Jeremy	05/31/18	3512.62	-	-	21.91	0.00	3490.71
RW - 4	Jeremy	06/06/18	3512.62	-	-	22.39	0.00	3490.23
RW - 4	Jeremy	06/13/18	3512.62	-	-	22.39	0.00	3490.23
RW - 4	Jeremy	06/18/18	3512.62	-	-	22.13	0.00	3490.49
RW - 4	Jeremy	06/25/18	3512.62	-	-	22.09	0.00	3490.53
RW - 4	Jeremy	07/02/18	3512.62	-	-	21.14	0.00	3491.48
RW - 4	Jeremy	07/11/18	3512.62	-	-	22.28	0.00	3490.34

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4	Jeremy	07/19/18	3512.62	-	-	22.26	0.00	3490.36
RW - 4	Jeremy	07/27/18	3512.62	-	-	22.32	0.00	3490.30
RW - 4	Jeremy/ Wesley	08/08/18	3512.62	24.54	-	22.43	0.00	3490.19
RW - 4	Jeremy	08/30/18	3512.62	22.49	-	22.49	0.00	3490.13
RW - 4	Jeremy	09/12/18	3512.62	22.49	-	22.55	0.00	3490.07
RW - 4	Jeremy	09/20/18	3512.62	22.49	-	22.41	0.00	3490.21
RW - 4	Jeremy	09/26/18	3512.62	22.49	-	22.50	0.00	3490.12
RW - 4	Jeremy	10/03/18	3512.62	22.49	-	22.39	0.00	3490.23
RW - 4	Jeremy	10/19/18	3512.62	22.49	-	22.39	0.00	3490.23
RW - 4	Jeremy	10/31/18	3512.62	22.49	-	22.28	0.00	3490.34
RW - 4	Jeremy	11/06/18	3512.62	22.49	-	22.35	0.00	3490.27
RW - 4	Jeremy	11/13/18	3512.62	24.55	-	22.58	0.00	3490.04
RW - 4	Jeremy	12/03/18	3512.62	24.55	-	22.12	0.00	3490.50
RW - 4	Manny/Elias	12/19/18	3512.62	-	-	22.22	0.00	3490.40
RW - 4	Jeremy	12/27/18	3512.62	-	-	22.06	0.00	3490.56
RW - 4	Jeremy	01/03/19	3512.62	-	-	22.44	0.00	3490.18
RW - 4	Jeremy	01/09/19	3512.62	-	-	22.36	0.00	3490.26
RW - 4	Jeremy	01/16/19	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Jeremy	01/31/19	3512.62	-	-	22.32	0.00	3490.30
RW - 4	Jeremy	02/06/19	3512.62	-	-	22.26	0.00	3490.36
RW - 4	Jeremy	02/13/19	3512.62	24.64	-	22.05	0.00	3490.57
RW - 4	Jeremy	02/28/19	3512.62	-	-	22.07	0.00	3490.55
RW - 4	Jeremy	03/06/19	3512.62	-	-	21.96	0.00	3490.66
RW - 4	Elias	03/12/19	3512.62	-	-	22.02	0.00	3490.60
RW - 4	Elias	03/19/19	3512.62	-	-	22.16	0.00	3490.46
RW - 4	Elias	03/28/19	3512.62	-	-	22.15	0.00	3490.47
RW - 4	Elias	04/01/19	3512.62	-	-	22.02	0.00	3490.60
RW - 4	Elias	04/10/19	3512.62	-	-	22.24	0.00	3490.38
RW - 4	Elias	04/17/19	3512.62	-	-	21.98	0.00	3490.64
RW - 4	Elias	04/24/19	3512.62	-	-	22.10	0.00	3490.52
RW - 4	Elias	05/01/19	3512.62	-	-	22.01	0.00	3490.61
RW - 4	Elias	05/08/19	3512.62	24.70	-	21.88	0.00	3490.74
RW - 4	Elias	05/17/19	3512.62	-	-	22.15	0.00	3490.47
RW - 4	Elias	06/14/19	3512.62	-	-	22.19	0.00	3490.43
RW - 4	Elias	07/11/19	3512.62	-	-	22.30	0.00	3490.32
RW - 4	Elias	08/02/19	3512.62	-	-	22.43	0.00	3490.19
RW - 4	Elias	08/08/19	3512.62	24.66	-	22.52	0.00	3490.10
RW - 4	Elias	09/05/19	3512.62	-	-	-	0.00	-
RW - 4	Elias	09/12/19	3512.62	-	-	22.77	0.00	3489.85
RW - 4	Elias	09/17/19	3512.62	-	-	22.76	0.00	3489.86
RW - 4	Elias	09/23/19	3512.62	-	-		0.00	3512.62
RW - 4	Elias	10/15/19	3512.62	-	-	22.69	0.00	3489.93
RW - 4	Elias	11/06/19	3512.62	24.65	-	22.86	0.00	3489.76
RW - 4	Elias	11/13/19	3512.62	24.63	-	22.73	0.00	3489.89
RW - 4	Elias	12/17/19	3512.62	-	-	22.25	0.00	3490.37
RW - 4	Elias	01/06/20	3512.62	-	-	22.20	0.00	3490.42
RW - 4	Elias	01/23/20	3512.62	-	-	22.19	0.00	3490.43
RW - 4	Elias	02/21/20	3512.62	-	-	22.14	0.00	3490.48
RW - 4	Elias	03/05/20	3512.62	24.50	-	22.13	0.00	3490.49
RW - 4	Manny	05/14/20	3512.62	-	-	21.85	0.00	3490.77
RW - 4	Manny	05/21/20	3512.62	-	-	21.89	0.00	3490.73
RW - 4	Manny	06/18/20	3512.62	24.57	-	21.28	0.00	3491.34
RW - 4	Manny	07/21/20	3512.62	-	-	22.59	0.00	3490.03
RW - 4	Manny	08/13/20	3512.62	24.57	-	22.74	0.00	3489.88
RW - 4	Manny	09/14/20	3512.62	-	-	22.89	0.00	3489.73
RW - 4	Manny	10/16/20	3512.62	-	-	22.99	0.00	3489.63
RW - 4	Manny	12/10/20	3512.62	24.51	-	22.92	0.00	3489.70
RW - 4	Manny	01/13/21	3512.62	-	-	22.86	0.00	3489.76
RW - 4	Manny	02/11/21	3512.62	24.51	-	22.82	0.00	3489.80
RW - 4	Manny	04/21/21	3512.62	-	-	22.74	0.00	3489.88
RW - 4	Manny	06/11/21	3512.62	24.51	-	22.74	0.00	3489.88

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 4	Manny	09/23/21	3512.62	24.55	-	23.05	0.00	3489.57
RW - 4	Manny	10/14/21	3512.62	-	-	23.08	0.00	3489.54
RW - 4	Manny	10/28/21	3512.62	-	-	23.14	0.00	3489.48
RW - 4	Manny	12/06/21	3512.62	24.57	-	23.18	0.00	3489.44
RW - 4	Manny	03/16/22	3512.62	24.51	-	23.10	0.00	3489.52
RW - 4	Manny	04/20/22	3512.62	-	-	23.05	0.00	3489.57
RW - 4	Manny	05/11/22	3512.62	24.49	-	23.18	0.00	3489.44
RW - 4	Manny	08/16/22	3512.62	24.54	-	23.55	0.00	3489.07
RW - 4	Manny	11/11/22	3512.62	24.56	-	23.40	0.00	3489.22
RW - 4	Manny	03/01/23	3512.62	24.57	-	23.18	0.00	3489.44
RW - 4	Manny	04/13/23	3512.62	-	-	22.98	0.00	3489.64
RW - 4	Manny	05/11/23	3512.62	24.53	-	22.86	0.00	3489.76
RW - 4	Manny	08/17/23	3512.62	24.55	-	23.45	0.00	3489.17
RW - 4	Manny	12/14/23	3512.62	24.55	-	23.21	0.00	3489.41
RW - 4	Manny	02/26/24	3512.62	24.46	-	23.02	0.00	3489.60
RW - 4	Manny	06/17/24	3512.62	24.49	-	23.32	0.00	3489.30
RW - 4	Manny	09/23/24	3512.62	-	23.82	23.90	0.08	3488.79
RW - 4	Manny	12/09/24	3512.62	24.48	-	23.67	0.00	3488.95
RW - 5		11/05/02	3506.91	-	19.37	19.86	0.49	3487.47
RW - 5		11/06/02	3506.91	-	19.39	19.63	0.24	3487.48
RW - 5		11/12/02	3506.91	-	19.31	19.97	0.66	3487.50
RW - 5		01/07/03	3506.91	-	18.97	20.50	1.53	3487.71
RW - 5		01/27/03	3506.91	-	18.97	20.04	1.07	3487.78
RW - 5		02/26/03	3506.91	-	18.41	19.19	0.78	3488.38
RW - 5		03/11/03	3506.91	-	19.01	19.48	0.47	3487.83
RW - 5		03/19/03	3506.91	-	18.98	19.53	0.55	3487.85
RW - 5		03/25/03	3506.91	-	18.89	19.58	0.69	3487.92
RW - 5		04/16/03	3506.91	-	18.90	19.85	0.95	3487.87
RW - 5		04/23/03	3506.91	-	18.86	19.92	1.06	3487.89
RW - 5		04/29/03	3506.91	-	18.85	19.94	1.09	3487.90
RW - 5		05/14/03	3506.91	-	18.97	20.19	1.22	3487.76
RW - 5		05/27/03	3506.91	-	19.16	20.41	1.25	3487.56
RW - 5		06/04/03	3506.91	-	19.80	20.42	0.62	3487.02
RW - 5		06/26/03	3506.91	-	18.90	19.37	0.47	3487.94
RW - 5		07/07/03	3506.91	-	19.48	20.96	1.48	3487.21
RW - 5		07/30/03	3506.91	-	19.59	20.09	0.50	3487.25
RW - 5		08/06/03	3506.91	-	19.89	20.49	0.60	3486.93
RW - 5		08/21/03	3506.91	-	19.99	20.71	0.72	3486.81
RW - 5		08/26/03	3506.91	-	20.16	20.87	0.71	3486.64
RW - 5		09/08/03	3506.91	-	19.97	20.63	0.66	3486.84
RW - 5		09/15/03	3506.91	-	20.62	22.10	1.48	3486.07
RW - 5		09/24/03	3506.91	-	20.30	20.87	0.57	3486.52
RW - 5		10/02/03	3506.91	-	20.12	20.95	0.83	3486.67
RW - 5		10/08/03	3506.91	-	19.96	20.87	0.91	3486.81
RW - 5		10/16/03	3506.91	-	19.34	21.21	1.87	3487.29
RW - 5		10/28/03	3506.91	-	20.41	21.30	0.89	3486.37
RW - 5		11/11/03	3506.91	-	20.41	20.69	0.28	3486.46
RW - 5		11/18/03	3506.91	-	20.20	21.05	0.85	3486.58
RW - 5		12/10/03	3506.91	-	19.88	20.78	0.90	3486.90
RW - 5		02/02/04	3506.91	-	20.29	21.72	1.43	3486.41
RW - 5		02/26/04	3506.91	-	19.91	21.07	1.16	3486.83
RW - 5		03/16/04	3506.91	-	20.08	21.36	1.28	3486.64
RW - 5		03/19/04	3506.91	-	20.12	21.33	1.21	3486.61
RW - 5		03/25/04	3506.91	-	20.08	21.34	1.26	3486.64
RW - 5		04/01/04	3506.91	-	19.99	21.22	1.23	3486.74
RW - 5		04/08/04	3506.91	-	19.97	21.25	1.28	3486.75
RW - 5		04/14/04	3506.91	-	19.19	20.72	1.53	3487.49
RW - 5		04/16/04	3506.91	-	19.35	20.90	1.55	3487.33
RW - 5		04/22/04	3506.91	-	18.53	20.23	1.70	3488.13
RW - 5		04/29/04	3506.91	-	18.49	20.24	1.75	3488.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		05/11/04	3506.91	-	18.50	20.40	1.90	3488.13
RW - 5		06/08/04	3506.91	-	18.59	20.65	2.06	3488.01
RW - 5		06/17/04	3506.91	-	18.53	20.66	2.13	3488.06
RW - 5		06/22/04	3506.91	-	18.57	20.69	2.12	3488.02
RW - 5		06/29/04	3506.91	-	18.55	20.74	2.19	3488.03
RW - 5		07/06/04	3506.91	-	18.53	20.88	2.35	3488.03
RW - 5		07/13/04	3506.91	-	18.57	20.81	2.24	3488.00
RW - 5		07/20/04	3506.91	-	19.05	19.20	0.15	3487.84
RW - 5		08/04/04	3506.91	-	19.06	19.21	0.15	3487.83
RW - 5		08/10/04	3506.91	-	19.03	19.22	0.19	3487.85
RW - 5		08/16/04	3506.91	-	sheen	19.20	0.00	3487.71
RW - 5		08/25/04	3506.91	-	19.05	19.06	0.01	3487.86
RW - 5		08/26/04	3506.91	-	19.03	19.09	0.06	3487.87
RW - 5		08/31/04	3506.91	-	19.08	19.42	0.34	3487.78
RW - 5		09/13/04	3506.91	-	19.29	19.50	0.21	3487.59
RW - 5		09/20/04	3506.91	-	19.42	19.57	0.15	3487.47
RW - 5		09/30/04	3506.91	-	19.56	19.65	0.09	3487.34
RW - 5		10/04/04	3506.91	-	18.75	19.05	0.30	3488.12
RW - 5		10/11/04	3506.91	-	18.73	19.05	0.32	3488.13
RW - 5		10/18/04	3506.91	-	18.55	18.97	0.42	3488.30
RW - 5		10/26/04	3506.91	-	18.55	18.87	0.32	3488.31
RW - 5		11/02/04	3506.91	-	18.45	18.83	0.38	3488.40
RW - 5		11/08/04	3506.91	-	18.67	19.00	0.33	3488.19
RW - 5		11/15/04	3506.91	-	18.34	19.34	1.00	3488.42
RW - 5		12/01/04	3506.91	-	18.18	18.51	0.33	3488.68
RW - 5		12/03/04	3506.91	-	18.18	18.48	0.30	3488.69
RW - 5		12/14/04	3506.91	-	18.23	19.23	1.00	3488.53
RW - 5		12/21/04	3506.91	-	18.26	18.82	0.56	3488.57
RW - 5		12/29/04	3506.91	-	18.26	18.75	0.49	3488.58
RW - 5		01/11/05	3506.91	-	18.16	18.59	0.43	3488.69
RW - 5		01/14/05	3506.91	-	18.20	18.52	0.32	3488.66
RW - 5		01/18/05	3506.91	-	18.10	18.40	0.30	3488.77
RW - 5		01/21/05	3506.91	-	sheen	18.15	0.00	3488.76
RW - 5		01/25/05	3506.91	-	18.08	18.10	0.02	3488.83
RW - 5		01/28/05	3506.91	-	sheen	18.04	0.00	3488.87
RW - 5		02/02/05	3506.91	-	17.97	18.11	0.14	3488.92
RW - 5		02/05/05	3506.91	-	17.96	17.98	0.02	3488.95
RW - 5		02/08/05	3506.91	-	17.98	17.99	0.01	3488.93
RW - 5		02/11/05	3506.91	-	sheen	17.99	0.00	3488.92
RW - 5		02/15/05	3506.91	-	17.93	17.94	0.01	3488.98
RW - 5		02/18/05	3506.91	-	sheen	17.95	0.00	3488.96
RW - 5		02/22/05	3506.91	-	17.90	17.91	0.01	3489.01
RW - 5		02/25/05	3506.91	-	sheen	17.96	0.00	3488.95
RW - 5		03/01/05	3506.91	-	sheen	17.88	0.00	3489.03
RW - 5		03/04/05	3506.91	-	sheen	17.86	0.00	3489.05
RW - 5		03/08/05	3506.91	-	sheen	17.81	0.00	3489.10
RW - 5		03/08/05	3506.91	-	sheen	17.81	0.00	3489.10
RW - 5		03/11/05	3506.91	-	sheen	17.85	0.00	3489.06
RW - 5		03/15/05	3506.91	-	sheen	17.79	0.00	3489.12
RW - 5		03/18/05	3506.91	-	sheen	17.76	0.00	3489.15
RW - 5		03/22/05	3506.91	-	17.72	17.75	0.03	3489.19
RW - 5		03/28/05	3506.91	-	sheen	17.69	0.00	3489.22
RW - 5		04/01/05	3506.91	-	sheen	17.71	0.00	3489.20
RW - 5		04/05/05	3506.91	-	17.66	17.69	0.03	3489.25
RW - 5		04/08/05	3506.91	-	sheen	17.62	0.00	3489.29
RW - 5		04/12/05	3506.91	-	17.63	17.66	0.03	3489.28
RW - 5		04/15/05	3506.91	-	sheen	17.62	0.00	3489.29
RW - 5		05/25/05	3506.91	-	17.39	17.55	0.16	3489.50
RW - 5		05/27/05	3506.91	-	17.40	17.42	0.02	3489.51
RW - 5		05/31/05	3506.91	-	sheen	17.39	0.00	3489.52
RW - 5		06/03/05	3506.91	-	sheen	17.35	0.00	3489.56

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		06/06/05	3506.91	-	sheen	17.35	0.00	3489.56
RW - 5		06/08/05	3506.91	-	sheen	17.35	0.00	3489.56
RW - 5		06/13/05	3506.91	-	sheen	17.34	0.00	3489.57
RW - 5		06/20/05	3506.91	-	sheen	17.40	0.00	3489.51
RW - 5		06/24/05	3506.91	-	sheen	17.37	0.00	3489.54
RW - 5		06/27/05	3506.91	-	sheen	17.41	0.00	3489.50
RW - 5		07/11/05	3506.91	-	17.47	17.62	0.15	3489.42
RW - 5		07/15/05	3506.91	-	17.50	17.52	0.02	3489.41
RW - 5		07/18/05	3506.91	-	17.56	17.57	0.01	3489.35
RW - 5		07/21/05	3506.91	-	sheen	17.59	0.00	3489.32
RW - 5		07/25/05	3506.91	-	sheen	17.66	0.00	3489.25
RW - 5		08/01/05	3506.91	-	sheen	17.63	0.00	3489.28
RW - 5		08/04/05	3506.91	-	sheen	17.65	0.00	3489.26
RW - 5		08/12/05	3506.91	-	17.78	17.92	0.14	3489.11
RW - 5		08/15/05	3506.91	-	17.60	17.90	0.30	3489.27
RW - 5		08/23/05	3506.91	-	17.44	17.74	0.30	3489.43
RW - 5		08/30/05	3506.91	-	17.42	17.62	0.20	3489.46
RW - 5		09/06/05	3506.91	-	17.32	18.15	0.83	3489.47
RW - 5		09/13/05	3506.91	-	17.38	18.31	0.93	3489.39
RW - 5		09/15/05	3506.91	-	17.38	17.83	0.45	3489.46
RW - 5		09/19/05	3506.91	-	17.40	17.80	0.40	3489.45
RW - 5		09/27/05	3506.91	-	17.39	17.90	0.51	3489.44
RW - 5		10/03/05	3506.91	-	17.49	17.71	0.22	3489.39
RW - 5		10/08/05	3506.91	-	17.20	18.09	0.89	3489.58
RW - 5		10/10/05	3506.91	-	17.41	18.03	0.62	3489.41
RW - 5		10/17/05	3506.91	-	17.30	17.77	0.47	3489.54
RW - 5		10/24/05	3506.91	-	17.30	17.77	0.47	3489.54
RW - 5		10/31/05	3506.91	-	17.30	17.89	0.59	3489.52
RW - 5		11/15/05	3506.91	-	17.35	17.87	0.52	3489.48
RW - 5		11/22/05	3506.91	-	17.30	17.65	0.35	3489.56
RW - 5		11/27/05	3506.91	-	17.18	17.49	0.31	3489.68
RW - 5		12/07/05	3506.91	-	17.32	17.72	0.40	3489.53
RW - 5		12/12/05	3506.91	-	17.24	18.02	0.78	3489.55
RW - 5		12/16/05	3506.91	-	17.20	18.00	0.80	3489.59
RW - 5		12/22/05	3506.91	-	17.31	17.96	0.65	3489.50
RW - 5		12/27/05	3506.91	-	17.24	17.74	0.50	3489.60
RW - 5		01/03/06	3506.91	-	17.22	17.88	0.66	3489.59
RW - 5		01/09/06	3506.91	-	17.31	17.64	0.33	3489.55
RW - 5		01/16/06	3506.91	-	17.25	17.60	0.35	3489.61
RW - 5		01/23/06	3506.91	-	17.29	17.60	0.31	3489.57
RW - 5		01/30/06	3506.91	-	17.32	17.63	0.31	3489.54
RW - 5		02/06/06	3506.91	-	17.28	17.68	0.40	3489.57
RW - 5		02/14/06	3506.91	-	17.29	17.67	0.38	3489.56
RW - 5		02/21/06	3506.91	-	17.25	17.75	0.50	3489.59
RW - 5		02/28/06	3506.91	-	17.24	17.66	0.42	3489.61
RW - 5		03/06/06	3506.91	-	17.28	17.62	0.34	3489.58
RW - 5		03/16/06	3506.91	-	17.30	17.57	0.27	3489.57
RW - 5		03/17/06	3506.91	-	17.28	17.55	0.27	3489.59
RW - 5		03/21/06	3506.91	-	17.28	17.60	0.32	3489.58
RW - 5		03/28/06	3506.91	-	17.31	17.59	0.28	3489.56
RW - 5		04/03/06	3506.91	-	17.18	17.48	0.30	3489.69
RW - 5		04/10/06	3506.91	-	17.25	17.53	0.28	3489.62
RW - 5		04/17/06	3506.91	-	17.21	17.50	0.29	3489.66
RW - 5		05/01/06	3506.91	-	17.18	17.53	0.35	3489.68
RW - 5		05/08/06	3506.91	-	17.20	17.71	0.51	3489.63
RW - 5		05/15/06	3506.91	-	17.25	17.83	0.58	3489.57
RW - 5		05/30/06	3506.91	-	17.37	18.32	0.95	3489.40
RW - 5		06/05/06	3506.91	-	17.48	18.18	0.70	3489.33
RW - 5		06/12/06	3506.91	-	17.62	17.97	0.35	3489.24
RW - 5		06/15/06	3506.91	-	17.68	17.85	0.17	3489.20
RW - 5		06/19/06	3506.91	-	17.71	18.00	0.29	3489.16

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		07/03/06	3506.91	-	17.86	18.16	0.30	3489.01
RW - 5		07/10/06	3506.91	-	17.84	18.12	0.28	3489.03
RW - 5		07/17/06	3506.91	-	17.69	18.04	0.35	3489.17
RW - 5		07/26/06	3506.91	-	17.74	18.30	0.56	3489.09
RW - 5		07/31/06	3506.91	-	17.79	18.26	0.47	3489.05
RW - 5		08/07/06	3506.91	-	17.89	18.31	0.42	3488.96
RW - 5		08/17/06	3506.91	-	17.75	18.38	0.63	3489.07
RW - 5		08/21/06	3506.91	-	17.74	18.40	0.66	3489.07
RW - 5		09/06/06	3506.91	-	17.32	18.14	0.82	3489.47
RW - 5		09/11/06	3506.91	-	17.34	17.85	0.51	3489.49
RW - 5		09/18/06	3506.91	-	17.42	17.76	0.34	3489.44
RW - 5		09/25/06	3506.91	-	17.40	18.00	0.60	3489.42
RW - 5		10/02/06	3506.91	-	17.36	17.97	0.61	3489.46
RW - 5		10/17/06	3506.91	-	17.40	18.55	1.15	3489.34
RW - 5		10/23/06	3506.91	-	17.35	18.50	1.15	3489.39
RW - 5		10/30/06	3506.91	-	17.32	18.49	1.17	3489.41
RW - 5		11/06/06	3506.91	-	17.42	18.53	1.11	3489.32
RW - 5		11/13/06	3506.91	-	17.46	17.98	0.52	3489.37
RW - 5		11/20/06	3506.91	-	17.40	17.97	0.57	3489.42
RW - 5		11/27/06	3506.91	-	17.44	17.97	0.53	3489.39
RW - 5		11/30/06	3506.91	-	17.44	17.95	0.51	3489.39
RW - 5		12/04/06	3506.91	-	17.55	18.00	0.45	3489.29
RW - 5		12/12/06	3506.91	-	17.42	18.26	0.84	3489.36
RW - 5		12/18/06	3506.91	-	17.45	17.76	0.31	3489.41
RW - 5		01/02/07	3506.91	-	17.42	17.72	0.30	3489.45
RW - 5		01/11/07	3506.91	-	17.28	17.68	0.40	3489.57
RW - 5		01/18/07	3506.91	-	17.40	17.81	0.41	3489.45
RW - 5		01/22/07	3506.91	-	17.40	17.97	0.57	3489.42
RW - 5		02/05/07	3506.91	-	17.34	17.87	0.53	3489.49
RW - 5		02/12/07	3506.91	-	17.28	17.53	0.25	3489.59
RW - 5		02/19/07	3506.91	-	17.24	17.51	0.27	3489.63
RW - 5		02/27/07	3506.91	-	17.31	17.88	0.57	3489.51
RW - 5		03/05/07	3506.91	-	17.34	18.09	0.75	3489.46
RW - 5		03/12/07	3506.91	-	17.29	17.53	0.24	3489.58
RW - 5		03/19/07	3506.91	-	17.26	17.84	0.58	3489.56
RW - 5		04/02/07	3506.91	-	17.27	17.58	0.31	3489.59
RW - 5		04/09/07	3506.91	-	17.19	17.49	0.30	3489.68
RW - 5		05/01/07	3506.91	-	17.20	17.52	0.32	3489.66
RW - 5		05/12/07	3506.91	-	17.20	17.56	0.36	3489.66
RW - 5		05/17/07	3506.91	-	17.05	17.34	0.29	3489.82
RW - 5		05/21/07	3506.91	-	17.01	17.25	0.24	3489.86
RW - 5		05/22/07	3506.91	-	17.01	17.25	0.24	3489.86
RW - 5		06/01/07	3506.91	-	17.01	17.36	0.35	3489.85
RW - 5		06/06/07	3506.91	-	17.01	17.37	0.36	3489.85
RW - 5		06/11/07	3506.91	-	17.11	17.51	0.40	3489.74
RW - 5		06/19/07	3506.91	-	17.20	17.47	0.27	3489.67
RW - 5		06/25/07	3506.91	-	17.26	17.46	0.20	3489.62
RW - 5		07/03/07	3506.91	-	17.37	17.63	0.26	3489.50
RW - 5		07/18/07	3506.91	-	17.55	17.90	0.35	3489.31
RW - 5		07/23/07	3506.91	-	17.60	18.01	0.41	3489.25
RW - 5		07/31/07	3506.91	-	17.66	18.14	0.48	3489.18
RW - 5		08/14/07	3506.91	-	17.71	18.19	0.48	3489.13
RW - 5		08/15/07	3506.91	-	17.76	17.94	0.18	3489.12
RW - 5		08/29/07	3506.91	-	17.81	18.33	0.52	3489.02
RW - 5		09/07/07	3506.91	-	17.85	18.31	0.46	3488.99
RW - 5		09/10/07	3506.91	-	17.74	18.30	0.56	3489.09
RW - 5		09/17/07	3506.91	-	17.46	17.86	0.40	3489.39
RW - 5		09/24/07	3506.91	-	17.41	17.89	0.48	3489.43
RW - 5		11/05/07	3506.91	-	17.48	18.22	0.74	3489.32
RW - 5		11/06/07	3506.91	-	17.57	18.24	0.67	3489.24
RW - 5		11/12/07	3506.91	-	17.52	17.96	0.44	3489.32

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		11/19/07	3506.91	-	17.56	17.75	0.19	3489.32
RW - 5		11/30/07	3506.91	-	17.58	18.26	0.68	3489.23
RW - 5		12/03/07	3506.91	-	17.51	17.82	0.31	3489.35
RW - 5		12/14/07	3506.91	-	17.48	17.77	0.29	3489.39
RW - 5		12/17/07	3506.91	-	17.46	17.50	0.04	3489.44
RW - 5		01/09/08	3506.91	-	17.46	17.86	0.40	3489.39
RW - 5		01/16/08	3506.91	-	17.38	17.90	0.52	3489.45
RW - 5		01/30/08	3506.91	-	17.40	17.81	0.41	3489.45
RW - 5		02/08/08	3506.91	-	17.44	17.72	0.28	3489.43
RW - 5		02/12/08	3506.91	-	17.45	17.72	0.27	3489.42
RW - 5		02/14/08	3506.91	-	17.43	17.68	0.25	3489.44
RW - 5		02/20/08	3506.91	-	17.38	17.51	0.13	3489.51
RW - 5		02/28/08	3506.91	-	17.40	17.55	0.15	3489.49
RW - 5		03/05/08	3506.91	-	17.41	17.57	0.16	3489.48
RW - 5		03/13/08	3506.91	-	17.41	17.57	0.16	3489.48
RW - 5		03/19/08	3506.91	-	17.45	17.61	0.16	3489.44
RW - 5		03/24/08	3506.91	-	17.37	17.51	0.14	3489.52
RW - 5		04/03/08	3506.91	-	17.46	17.58	0.12	3489.43
RW - 5		04/07/08	3506.91	-	17.36	17.45	0.09	3489.54
RW - 5		04/14/08	3506.91	-	17.48	17.60	0.12	3489.41
RW - 5		04/23/08	3506.91	-	17.34	17.52	0.18	3489.54
RW - 5		05/07/08	3506.91	-	17.39	17.70	0.31	3489.47
RW - 5		05/13/08	3506.91	-	17.39	17.70	0.31	3489.47
RW - 5		05/14/08	3506.91	-	17.37	17.51	0.14	3489.52
RW - 5		05/19/08	3506.91	-	17.40	17.56	0.16	3489.49
RW - 5		06/09/08	3506.91	-	17.64	17.92	0.28	3489.23
RW - 5		06/16/08	3506.91	-	17.46	17.57	0.11	3489.43
RW - 5		06/23/08	3506.91	-	17.89	18.35	0.46	3488.95
RW - 5		06/30/08	3506.91	-	17.93	18.19	0.26	3488.94
RW - 5		07/14/08	3506.91	-	17.95	18.18	0.23	3488.93
RW - 5		07/22/08	3506.91	-	18.01	18.28	0.27	3488.86
RW - 5		07/29/08	3506.91	-	18.03	18.09	0.06	3488.87
RW - 5		08/04/08	3506.91	-	18.08	18.46	0.38	3488.77
RW - 5		08/11/08	3506.91	-	18.11	18.45	0.34	3488.75
RW - 5		08/14/08	3506.91	-	18.04	18.39	0.35	3488.82
RW - 5		08/18/08	3506.91	-	18.13	18.41	0.28	3488.74
RW - 5		08/28/08	3506.91	-	18.00	18.53	0.53	3488.83
RW - 5		09/02/08	3506.91	-	17.89	18.34	0.45	3488.95
RW - 5		09/17/08	3506.91	-	17.65	18.71	1.06	3489.10
RW - 5		09/29/08	3506.91	-	17.75	18.45	0.70	3489.06
RW - 5		10/06/08	3506.91	-	17.76	18.24	0.48	3489.08
RW - 5		10/13/08	3506.91	-	17.82	18.10	0.28	3489.05
RW - 5		10/20/08	3506.91	-	17.69	17.94	0.25	3489.18
RW - 5		10/29/08	3506.91	-	17.03	17.95	0.92	3489.74
RW - 5		10/30/08	3506.91	-	17.71	17.84	0.13	3489.18
RW - 5		11/06/08	3506.91	-	17.67	18.00	0.33	3489.19
RW - 5		11/12/08	3506.91	-	17.63	17.85	0.22	3489.25
RW - 5		11/13/08	3506.91	-	17.63	17.85	0.22	3489.25
RW - 5		12/16/08	3506.91	-	17.65	18.00	0.35	3489.21
RW - 5		12/19/08	3506.91	-	17.69	17.90	0.21	3489.19
RW - 5		12/22/08	3506.91	-	17.62	17.73	0.11	3489.27
RW - 5		01/06/09	3506.91	-	17.62	17.84	0.22	3489.26
RW - 5		01/12/09	3506.91	-	17.54	18.41	0.87	3489.24
RW - 5		01/19/09	3506.91	-	17.75	18.36	0.61	3489.07
RW - 5		01/22/09	3506.91	-	17.66	17.76	0.10	3489.24
RW - 5		01/26/09	3506.91	-	17.63	17.76	0.13	3489.26
RW - 5		02/10/09	3506.91	-	17.56	17.75	0.19	3489.32
RW - 5		02/13/09	3506.91	-	17.50	17.73	0.23	3489.38
RW - 5		02/16/09	3506.91	-	17.53	17.75	0.22	3489.35
RW - 5		02/24/09	3506.91	-	17.52	17.74	0.22	3489.36
RW - 5		03/02/09	3506.91	-	17.62	17.81	0.19	3489.26

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		03/05/09	3506.91	-	17.54	17.86	0.32	3489.32
RW - 5		03/09/09	3506.91	-	17.53	17.69	0.16	3489.36
RW - 5		03/16/09	3506.91	-	17.54	17.66	0.12	3489.35
RW - 5		03/19/09	3506.91	-	17.64	17.85	0.21	3489.24
RW - 5		03/25/09	3506.91	-	17.64	17.86	0.22	3489.24
RW - 5		03/30/09	3506.91	-	17.64	17.85	0.21	3489.24
RW - 5		04/13/09	3506.91	-	17.48	17.79	0.31	3489.38
RW - 5		04/16/09	3506.91	-	17.62	17.81	0.19	3489.26
RW - 5		04/21/09	3506.91	-	17.63	17.80	0.17	3489.25
RW - 5		04/27/09	3506.91	-	17.49	17.55	0.06	3489.41
RW - 5		04/30/09	3506.91	-	17.63	17.79	0.16	3489.26
RW - 5		05/06/09	3506.91	-	17.65	17.77	0.12	3489.24
RW - 5		05/12/09	3506.91	-	17.52	17.89	0.37	3489.33
RW - 5		05/19/09	3506.91	-	17.58	17.77	0.19	3489.30
RW - 5		05/26/09	3506.91	-	17.63	17.82	0.19	3489.25
RW - 5		06/01/09	3506.91	-	17.69	17.86	0.17	3489.19
RW - 5		06/05/09	3506.91	-	17.70	17.84	0.14	3489.19
RW - 5		06/12/09	3506.91	-	17.73	17.88	0.15	3489.16
RW - 5		06/15/09	3506.91	-	17.76	17.89	0.13	3489.13
RW - 5		06/22/09	3506.91	-	17.82	18.00	0.18	3489.06
RW - 5		06/24/09	3506.91	-	17.87	17.96	0.09	3489.03
RW - 5		06/29/09	3506.91	-	17.94	18.11	0.17	3488.94
RW - 5		07/06/09	3506.91	-	17.96	18.18	0.22	3488.92
RW - 5		07/09/09	3506.91	-	17.60	17.75	0.15	3489.29
RW - 5		07/13/09	3506.91	-	17.62	17.76	0.14	3489.27
RW - 5		07/20/09	3506.91	-	17.60	17.78	0.18	3489.28
RW - 5		07/23/09	3506.91	-	18.09	18.45	0.36	3488.77
RW - 5		07/27/09	3506.91	-	18.10	18.46	0.36	3488.76
RW - 5		07/29/09	3506.91	-	18.03	18.29	0.26	3488.84
RW - 5		08/03/09	3506.91	-	17.99	18.25	0.26	3488.88
RW - 5		08/10/09	3506.91	-	18.11	18.35	0.24	3488.76
RW - 5		08/10/09	3506.91	-	18.11	18.35	0.24	3488.76
RW - 5		08/18/09	3506.91	-	18.17	18.45	0.28	3488.70
RW - 5		08/24/09	3506.91	-	18.34	18.64	0.30	3488.53
RW - 5		08/28/09	3506.91	-	18.18	18.46	0.28	3488.69
RW - 5		08/31/09	3506.91	-	18.24	18.50	0.26	3488.63
RW - 5		09/02/09	3506.91	-	18.23	18.36	0.13	3488.66
RW - 5		09/08/09	3506.91	-	18.39	18.54	0.15	3488.50
RW - 5		09/10/09	3506.91	-	18.36	18.60	0.24	3488.51
RW - 5		09/16/09	3506.91	-	18.26	18.64	0.38	3488.59
RW - 5		09/18/09	3506.91	-	18.34	18.80	0.46	3488.50
RW - 5		09/22/09	3506.91	-	18.36	18.67	0.31	3488.50
RW - 5		09/28/09	3506.91	-	18.19	18.45	0.26	3488.68
RW - 5		10/09/09	3506.91	-	18.39	18.80	0.41	3488.46
RW - 5		10/12/09	3506.91	-	17.62	17.74	0.12	3489.27
RW - 5		10/15/09	3506.91	-	18.41	18.65	0.24	3488.46
RW - 5		10/20/09	3506.91	-	18.43	18.64	0.21	3488.45
RW - 5		10/26/09	3506.91	-	17.63	17.73	0.10	3489.27
RW - 5		10/28/09	3506.91	-	18.40	18.60	0.20	3488.48
RW - 5		11/03/09	3506.91	-	18.29	18.61	0.32	3488.57
RW - 5		11/12/09	3506.91	-	18.33	18.55	0.22	3488.55
RW - 5		11/18/09	3506.91	-	18.41	18.59	0.18	3488.47
RW - 5		12/03/09	3506.91	-	18.40	18.79	0.39	3488.45
RW - 5		12/11/09	3506.91	-	18.48	18.60	0.12	3488.41
RW - 5		12/16/09	3506.91	-	18.34	18.52	0.18	3488.54
RW - 5		12/21/09	3506.91	-	18.32	18.44	0.12	3488.57
RW - 5		12/28/09	3506.91	-	18.29	18.42	0.13	3488.60
RW - 5		01/04/10	3506.91	-	18.32	18.51	0.19	3488.56
RW - 5		01/14/10	3506.91	-	18.34	18.54	0.20	3488.54
RW - 5		01/20/10	3506.91	-	18.25	18.41	0.16	3488.64
RW - 5		01/25/10	3506.91	-	18.33	18.38	0.05	3488.57

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		01/27/10	3506.91	-	18.22	18.35	0.13	3488.67
RW - 5		02/01/10	3506.91	-	18.26	18.55	0.29	3488.61
RW - 5		02/08/10	3506.91	-	18.15	18.33	0.18	3488.73
RW - 5		02/08/10	3506.91	-	sheen	18.65	0.00	3488.26
RW - 5		02/09/10	3506.91	-	18.25	18.31	0.06	3488.65
RW - 5		02/19/10	3506.91	-	18.04	18.38	0.34	3488.82
RW - 5		02/26/10	3506.91	-	18.15	18.30	0.15	3488.74
RW - 5		03/01/10	3506.91	-	18.33	18.57	0.24	3488.54
RW - 5		03/04/10	3506.91	-	18.12	18.20	0.08	3488.78
RW - 5		03/08/10	3506.91	-	18.12	18.18	0.06	3488.78
RW - 5		03/11/10	3506.91	-	17.99	18.04	0.05	3488.91
RW - 5		03/15/10	3506.91	-	18.10	18.23	0.13	3488.79
RW - 5		03/17/10	3506.91	-	18.00	18.08	0.08	3488.90
RW - 5		03/22/10	3506.91	-	17.86	18.13	0.27	3489.01
RW - 5		03/29/10	3506.91	-	17.91	18.00	0.09	3488.99
RW - 5		04/05/10	3506.91	-	17.97	18.06	0.09	3488.93
RW - 5		04/14/10	3506.91	-	17.96	18.08	0.12	3488.93
RW - 5		04/16/10	3506.91	-	17.92	18.03	0.11	3488.97
RW - 5		04/19/10	3506.91	-	17.96	18.10	0.14	3488.93
RW - 5		04/28/10	3506.91	-	17.89	17.97	0.08	3489.01
RW - 5		05/05/10	3506.91	-	17.77	17.87	0.10	3489.13
RW - 5		05/12/10	3506.91	-	17.85	18.02	0.17	3489.03
RW - 5		05/14/10	3506.91	-	17.85	18.03	0.18	3489.03
RW - 5		05/21/10	3506.91	-	17.84	18.00	0.16	3489.05
RW - 5		05/26/10	3506.91	-	17.82	18.02	0.20	3489.06
RW - 5		06/04/10	3506.91	-	17.87	18.01	0.14	3489.02
RW - 5		06/07/10	3506.91	-	18.00	18.16	0.16	3488.89
RW - 5		06/12/10	3506.91	-	18.00	18.21	0.21	3488.88
RW - 5		06/24/10	3506.91	-	18.05	18.35	0.30	3488.82
RW - 5		06/30/10	3506.91	-	18.29	18.42	0.13	3488.60
RW - 5		07/07/10	3506.91	-	17.46	17.68	0.22	3489.42
RW - 5		07/12/10	3506.91	-	17.36	17.91	0.55	3489.47
RW - 5		07/19/10	3506.91	-	17.41	17.85	0.44	3489.43
RW - 5		07/26/10	3506.91	-	-	-	0.00	-
RW - 5		08/03/10	3506.91	-	17.34	18.12	0.78	3489.45
RW - 5		08/11/10	3506.91	-	17.41	17.85	0.44	3489.43
RW - 5		08/19/10	3506.91	-	17.59	17.70	0.11	3489.30
RW - 5		08/25/10	3506.91	-	17.54	17.83	0.29	3489.33
RW - 5		09/01/10	3506.91	-	17.57	17.85	0.28	3489.30
RW - 5		09/09/10	3506.91	-	17.62	18.06	0.44	3489.22
RW - 5		09/13/10	3506.91	-	17.43	17.85	0.42	3489.42
RW - 5		09/29/10	3506.91	-	17.68	18.16	0.48	3489.16
RW - 5		10/05/10	3506.91	-	17.45	17.84	0.39	3489.40
RW - 5		10/20/10	3506.91	-	17.52	18.30	0.78	3489.27
RW - 5		10/25/10	3506.91	-	17.53	18.31	0.78	3489.26
RW - 5		11/03/10	3506.91	-	17.42	17.81	0.39	3489.43
RW - 5		11/10/10	3506.91	-	17.83	18.40	0.57	3488.99
RW - 5		11/12/10	3506.91	-	17.83	18.40	0.57	3488.99
RW - 5		12/09/10	3506.91	-	17.40	17.76	0.36	3489.46
RW - 5		01/18/11	3506.91	-	17.83	18.41	0.58	3488.99
RW - 5		02/16/11	3506.91	-	17.81	18.42	0.61	3489.01
RW - 5		03/01/11	3506.91	-	17.71	18.39	0.68	3489.10
RW - 5		03/07/11	3506.91	-	17.69	18.06	0.37	3489.16
RW - 5		03/22/11	3506.91	-	17.80	18.43	0.63	3489.02
RW - 5		04/27/11	3506.91	-	17.76	18.26	0.50	3489.08
RW - 5		05/05/11	3506.91	-	17.85	18.26	0.41	3489.00
RW - 5		05/10/11	3506.91	-	17.92	18.31	0.39	3488.93
RW - 5		05/17/11	3506.91	-	17.77	18.15	0.38	3489.08
RW - 5		05/19/11	3506.91	-	17.77	18.15	0.38	3489.08
RW - 5		05/24/11	3506.91	-	17.88	18.22	0.34	3488.98
RW - 5		06/07/11	3506.91	-	18.06	18.40	0.34	3488.80

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		06/08/11	3506.91	-	18.09	18.26	0.17	3488.79
RW - 5		06/14/11	3506.91	-	18.12	18.36	0.24	3488.75
RW - 5		06/23/11	3506.91	-	18.01	18.48	0.47	3488.83
RW - 5		06/28/11	3506.91	-	18.05	18.42	0.37	3488.80
RW - 5		07/06/11	3506.91	-	18.22	18.70	0.48	3488.62
RW - 5		07/14/11	3506.91	-	18.22	18.53	0.31	3488.64
RW - 5		07/20/11	3506.91	-	18.35	18.68	0.33	3488.51
RW - 5		07/27/11	3506.91	-	18.42	18.70	0.28	3488.45
RW - 5		08/03/11	3506.91	-	18.37	18.68	0.31	3488.49
RW - 5		08/10/11	3506.91	-	18.42	18.68	0.26	3488.45
RW - 5		08/18/11	3506.91	-	18.46	18.80	0.34	3488.40
RW - 5		08/25/11	3506.91	-	18.52	18.75	0.23	3488.36
RW - 5		09/07/11	3506.91	-	18.56	18.78	0.22	3488.32
RW - 5		09/14/11	3506.91	-	18.58	18.70	0.12	3488.31
RW - 5		11/14/11	3506.91	-	18.52	18.59	0.07	3488.38
RW - 5		12/01/11	3506.91	-	-	18.56	0.00	3488.35
RW - 5		12/08/11	3506.91	-	-	18.54	0.00	3488.37
RW - 5		12/14/11	3506.91	-	-	18.49	0.00	3488.42
RW - 5		01/12/12	3506.91	-	-	18.15	0.00	3488.76
RW - 5		01/19/12	3506.91	-	-	18.54	0.00	3488.37
RW - 5		02/03/12	3506.91	-	-	18.40	0.00	3488.51
RW - 5		02/29/12	3506.91	-	-	18.32	0.00	3488.59
RW - 5		03/14/12	3506.91	-	-	18.22	0.00	3488.69
RW - 5		03/19/12	3506.91	-	18.19	18.21	0.02	3488.72
RW - 5		03/29/12	3506.91	-	-	18.25	0.00	3488.66
RW - 5		04/05/12	3506.91	-	-	18.15	0.00	3488.76
RW - 5		04/18/12	3506.91	-	-	18.15	0.00	3488.76
RW - 5		04/27/12	3506.91	-	-	18.15	0.00	3488.76
RW - 5		05/02/12	3506.91	-	18.20	18.21	0.01	3488.71
RW - 5		05/31/12	3506.91	-	-	18.30	0.00	3488.61
RW - 5		06/08/12	3506.91	-	-	18.31	0.00	3488.60
RW - 5		06/12/12	3506.91	-	18.25	18.27	0.02	3488.66
RW - 5		06/21/12	3506.91	-	18.36	18.37	0.01	3488.55
RW - 5		06/29/12	3506.91	-	18.36	18.39	0.03	3488.55
RW - 5		07/13/12	3506.91	-	18.50	18.77	0.27	3488.37
RW - 5		12/06/12	3506.91	-	20.15	21.05	0.90	3486.63
RW - 5		12/11/12	3506.91	-	20.15	21.08	0.93	3486.62
RW - 5		12/18/12	3506.91	-	20.13	21.04	0.91	3486.64
RW - 5		01/09/13	3506.91	-	20.10	20.96	0.86	3486.68
RW - 5		01/15/13	3506.91	-	20.09	20.86	0.77	3486.70
RW - 5		01/23/13	3506.91	-	20.10	20.84	0.74	3486.70
RW - 5		01/29/13	3506.91	-	20.06	20.82	0.76	3486.74
RW - 5		02/07/13	3506.91	-	20.08	20.90	0.82	3486.71
RW - 5		02/13/13	3506.91	-	20.15	20.29	0.14	3486.74
RW - 5		02/20/13	3506.91	-	20.30	20.37	0.07	3486.60
RW - 5		03/15/13	3506.91	-	20.09	20.34	0.25	3486.78
RW - 5		03/19/13	3506.91	-	20.05	20.38	0.33	3486.81
RW - 5		04/02/13	3506.91	-	20.00	20.29	0.29	3486.87
RW - 5		04/09/13	3506.91	-	19.99	20.20	0.21	3486.89
RW - 5		04/16/13	3506.91	-	19.99	20.20	0.21	3486.89
RW - 5		04/23/13	3506.91	-	20.01	20.24	0.23	3486.87
RW - 5		04/30/13	3506.91	-	-	20.56	0.00	3486.35
RW - 5		05/08/13	3506.91	-	19.96	20.18	0.22	3486.92
RW - 5		05/14/13	3506.91	-	19.94	20.07	0.13	3486.95
RW - 5		05/22/13	3506.91	-	19.92	20.15	0.23	3486.96
RW - 5		05/28/13	3506.91	-	19.95	20.12	0.17	3486.93
RW - 5		06/04/13	3506.91	-	19.97	20.13	0.16	3486.92
RW - 5		06/11/13	3506.91	-	20.01	20.16	0.15	3486.88
RW - 5		06/19/13	3506.91	-	20.04	20.08	0.04	3486.86
RW - 5		06/28/13	3506.91	-	20.18	20.35	0.17	3486.70
RW - 5		07/01/13	3506.91	-	20.23	20.31	0.08	3486.67

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5		07/08/13	3506.91	-	20.28	20.35	0.07	3486.62
RW - 5		07/23/13	3506.91	-	19.95	20.44	0.49	3486.89
RW - 5		07/30/13	3506.91	-	20.31	20.38	0.07	3486.59
RW - 5		08/05/13	3506.91	-	20.31	20.36	0.05	3486.59
RW - 5		08/12/13	3506.91	-	20.28	20.36	0.08	3486.62
RW - 5		08/22/13	3506.91	-	20.37	20.54	0.17	3486.51
RW - 5		08/29/13	3506.91	-	20.42	20.55	0.13	3486.47
RW - 5		09/05/13	3506.91	-	20.43	20.58	0.15	3486.46
RW - 5		09/10/13	3506.91	-	20.50	20.63	0.13	3486.39
RW - 5		09/17/13	3506.91	-	20.52	20.69	0.17	3486.36
RW - 5		09/24/13	3506.91	-	20.52	20.67	0.15	3486.37
RW - 5		10/07/13	3506.91	-	20.58	20.73	0.15	3486.31
RW - 5		11/14/13	-	-	22.88	23.08	0.20	-
RW - 5		11/21/13	-	-	22.89	23.05	0.16	-
RW - 5		12/12/13	-	-	22.79	23.03	0.24	-
RW - 5		12/19/13	-	-	22.76	22.93	0.17	-
RW - 5		01/03/14	-	-	22.74	22.93	0.19	-
RW - 5		01/09/14	-	-	22.76	22.95	0.19	-
RW - 5		01/13/14	-	-	22.77	22.96	0.19	-
RW - 5		01/21/14	-	-	22.73	22.88	0.15	-
RW - 5		01/24/14	-	-	22.77	22.94	0.17	-
RW - 5	John Flores	02/04/14	3512.12	-	22.70	22.86	0.16	3489.40
RW - 5		02/10/14	3512.12	-	22.71	23.03	0.32	3489.36
RW - 5	David F.	02/27/14	3512.12	-	22.63	22.81	0.18	3489.46
RW - 5	David F.	03/17/14	3512.12	-	22.55	22.74	0.19	3489.54
RW - 5	David F.	03/27/14	3512.12	-	22.58	22.91	0.33	3489.49
RW - 5	David & Jose	04/02/14	3512.12	-	22.58	22.74	0.16	3489.52
RW - 5	Manny & Lira	04/16/14	3512.12	-	22.55	22.85	0.30	3489.53
RW - 5	Manny & Chanc	04/22/14	3512.12	-	22.50	22.73	0.23	3489.59
RW - 5	David & Justin	04/28/14	3512.12	-	22.58	22.67	0.09	3489.53
RW - 5	Manny & Chanc	05/06/14	3512.12	-	22.53	22.85	0.32	3489.54
RW - 5	Manny	05/13/14	3512.12	-	22.63	23.08	0.45	3489.42
RW - 5	Jose & Chance	05/14/14	3512.12	-	22.60	22.69	0.09	3489.51
RW - 5	Manny	05/21/14	3512.12	-	22.55	22.95	0.40	3489.51
RW - 5	Manny & Chanc	06/05/14	3512.12	-	22.65	23.20	0.55	3489.39
RW - 5	Manny	06/11/14	3512.12	-	22.71	22.85	0.14	3489.39
RW - 5	Manny	06/16/14	3512.12	-	22.75	23.20	0.45	3489.30
RW - 5	Manny	06/24/14	3512.12	-	22.89	23.10	0.21	3489.20
RW - 5	Manny	07/01/14	3512.12	-	22.95	23.12	0.17	3489.14
RW - 5	David	07/08/14	3512.12	-	23.00	23.10	0.10	3489.11
RW - 5	Manny	07/15/14	3512.12	-	23.07	23.46	0.39	3488.99
RW - 5	Manny	07/22/14	3512.12	-	23.10	23.42	0.32	3488.97
RW - 5	Manny	07/23/14	3512.12	-	23.10	23.42	0.32	3488.97
RW - 5	Manny	07/31/14	3512.12	-	23.13	23.38	0.25	3488.95
RW - 5	David	08/05/14	3512.12	-	23.22	23.28	0.06	3488.89
RW - 5	Manny	08/07/14	3512.12	-	23.15	23.39	0.24	3488.93
RW - 5	Manny	08/15/14	3512.12	-	23.17	23.33	0.16	3488.93
RW - 5	Manny	08/20/14	3512.12	-	23.19	23.43	0.24	3488.89
RW - 5	Manny	08/27/14	3512.12	-	23.22	24.29	1.07	3488.74
RW - 5	Manny	09/24/14	3512.12	-	22.58	23.22	0.64	3489.44
RW - 5	Manny	10/01/14	3512.12	-	22.17	22.35	0.18	3489.92
RW - 5	Manny	10/07/14	3512.12	-	22.09	22.16	0.07	3490.02
RW - 5	Manny	10/14/14	3512.12	-	22.06	22.09	0.03	3490.06
RW - 5	Manny	10/15/14	3512.12	-	22.06	22.09	0.03	3490.06
RW - 5	Manny	10/20/14	3512.12	-	22.04	22.10	0.06	3490.07
RW - 5	Manny	10/24/14	3512.12	-	22.05	22.16	0.11	3490.05
RW - 5	Manny	10/27/14	3512.12	-	22.03	22.09	0.06	3490.08
RW - 5	Chance	10/28/14	3512.12	-	-	-	-	-
RW - 5	Manny	11/03/14	3512.12	-	22.05	22.11	0.06	3490.06
RW - 5	Manny	11/11/14	3512.12	-	22.04	22.17	0.13	3490.06
RW - 5	Manny	11/19/14	3512.12	-	22.00	22.27	0.27	3490.08

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5	Manny	12/08/14	3512.12	-	22.03	22.23	0.20	3490.06
RW - 5	Manny	12/15/14	3512.12	-	22.04	22.25	0.21	3490.05
RW - 5	Manny	12/18/14	3512.12	-	21.98	22.05	0.07	3490.13
RW - 5	Manny	12/22/14	3512.12	-	21.98	22.05	0.07	3490.13
RW - 5	Manny	12/29/14	3512.12	-	22.04	22.12	0.08	3490.07
RW - 5	Manny	01/05/15	3512.12	-	22.04	22.11	0.07	3490.07
RW - 5	Manny	01/12/15	3512.12	-	22.07	22.14	0.07	3490.04
RW - 5	Manny	01/19/15	3512.12	-	22.04	22.08	0.04	3490.07
RW - 5	Manny	02/04/15	3512.12	-	22.03	22.09	0.06	3490.08
RW - 5	Manny	02/09/15	3512.12	-	22.02	22.15	0.13	3490.08
RW - 5	Manny	02/19/15	3512.12	-	22.02	22.07	0.05	3490.09
RW - 5	Manny/Art	03/03/15	3512.12	-	22.00	22.14	0.14	3490.10
RW - 5	Manny	03/09/15	3512.12	-	22.02	22.18	0.16	3490.08
RW - 5	Carlos	03/16/15	3512.12	-	22.01	22.05	0.04	3490.10
RW - 5	Manny	03/20/15	3512.12	-	22.04	22.17	0.13	3490.06
RW - 5	Carlos	03/23/15	3512.12	-	21.97	22.02	0.05	3490.14
RW - 5	Manny/Art	03/30/15	3512.12	-	21.99	22.11	0.12	3490.11
RW - 5	Manny	04/04/15	3512.12	-	22.02	22.07	0.05	3490.09
RW - 5	Manny/Art	04/07/15	3512.12	-	22.00	22.06	0.06	3490.11
RW - 5	Manny/Art	04/14/15	3512.12	-	22.00	22.05	0.05	3490.11
RW - 5	Carlos/Matt	04/20/15	3512.12	-	21.94	21.98	0.04	3490.17
RW - 5	Manny/Art	04/27/15	3512.12	-	21.97	22.21	0.24	3490.11
RW - 5	Carlos	05/07/15	3512.12	-	21.93	21.96	0.03	3490.19
RW - 5	Carlos	05/11/15	3512.12	-	21.95	21.97	0.02	3490.17
RW - 5	Carlos	05/21/15	3512.12	-	21.90	21.94	0.04	3490.21
RW - 5	Manny/Art	05/27/15	3512.12	-	21.88	22.03	0.15	3490.22
RW - 5	Carlos	05/28/15	3512.12	-	21.85	21.89	0.04	3490.26
RW - 5	Manny	06/03/15	3512.12	-	21.86	21.92	0.06	3490.25
RW - 5	Manny	06/08/15	3512.12	-	21.87	21.92	0.05	3490.24
RW - 5	Manny	06/15/15	3512.12	-	21.88	21.91	0.03	3490.24
RW - 5	Arthur	06/25/15	3512.12	-	-	21.86	0.00	3490.26
RW - 5	Manny/Arthur	06/29/15	3512.12	-	-	21.91	0.00	3490.21
RW - 5	Manny	07/08/15	3512.12	-	-	21.97	0.00	3490.15
RW - 5	Carlos	07/09/15	3512.12	-	-	22.04	0.00	3490.08
RW - 5	Manny	07/14/15	3512.12	-	-	22.03	0.00	3490.09
RW - 5	Arthur	07/20/15	3512.12	-	-	22.13	0.00	3489.99
RW - 5	Manny	07/28/15	3512.12	-	-	22.19	0.00	3489.93
RW - 5	Carlos	08/03/15	3512.12	32.12	-	22.19	0.00	3489.93
RW - 5	Carlos	08/04/15	3512.12	-	-	22.19	0.00	3489.93
RW - 5	Carlos	08/10/15	3512.12	-	-	22.27	0.00	3489.85
RW - 5	Carlos	08/17/15	3512.12	-	22.24	22.26	0.02	3489.88
RW - 5	Carlos	08/25/15	3512.12	-	-	22.39	0.00	3489.73
RW - 5	Arthur/Carlos	08/31/15	3512.12	-	-	22.40	0.00	3489.72
RW - 5	Carlos	09/08/15	3512.12	-	22.29	22.32	0.03	3489.83
RW - 5	Carlos	09/15/15	3512.12	-	22.30	22.32	0.02	3489.82
RW - 5	Manny	09/24/15	3512.12	-	-	22.56	0.00	3489.56
RW - 5	Manny	09/28/15	3512.12	-	-	22.55	0.00	3489.57
RW - 5	Manny	10/06/15	3512.12	-	-	22.47	0.00	3489.65
RW - 5	Carlos	10/12/15	3512.12	-	-	22.35	0.00	3489.77
RW - 5	Manny	10/26/15	3512.12	-	-	22.31	0.00	3489.81
RW - 5	Manny	11/06/15	3512.12	-	-	22.16	0.00	3489.96
RW - 5	Carlos	11/10/15	3512.12	-	-	22.09	0.00	3490.03
RW - 5	Manny	11/18/15	3512.12	34.20	-	22.12	0.00	3490.00
RW - 5	Carlos	12/02/15	3512.12	-	-	22.17	0.00	3489.95
RW - 5	Carlos	12/07/15	3512.12	-	-	22.03	0.00	3490.09
RW - 5	Carlos	12/14/15	3512.12	-	-	22.05	0.00	3490.07
RW - 5	Carlos	01/05/16	3512.12	-	-	21.92	0.00	3490.20
RW - 5	Manny	01/08/16	3512.12	-	-	22.05	0.00	3490.07
RW - 5	Manny	01/12/16	3512.12	-	-	22.09	0.00	3490.03
RW - 5	Carlos	01/18/16	3512.12	-	-	21.99	0.00	3490.13
RW - 5	Carlos	01/25/16	3512.12	-	-	22.01	0.00	3490.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
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NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5	Carlos	02/01/16	3512.12	-	-	21.97	0.00	3490.15
RW - 5	Carlos	02/08/16	3512.12	-	-	22.01	0.00	3490.11
RW - 5	Carlos	02/19/16	3512.12	-	-	21.98	0.00	3490.14
RW - 5	Manny	02/23/16	3512.12	34.09	-	21.95	0.00	3490.17
RW - 5	Manny	03/03/16	3512.12	-	-	21.94	0.00	3490.18
RW - 5	Carlos	03/07/16	3512.12	-	-	21.92	0.00	3490.20
RW - 5	Carlos	03/15/16	3512.12	-	-	21.87	0.00	3490.25
RW - 5	Manny	03/21/16	3512.12	-	-	21.85	0.00	3490.27
RW - 5	Carlos	03/28/16	3512.12	-	-	21.82	0.00	3490.30
RW - 5	Carlos	04/05/16	3512.12	-	-	21.80	0.00	3490.32
RW - 5	Manny	04/08/16	3512.12	-	-	21.85	0.00	3490.27
RW - 5	Carlos	04/12/16	3512.12	-	-	21.82	0.00	3490.30
RW - 5	Carlos	04/18/16	3512.12	-	-	21.76	0.00	3490.36
RW - 5	Carlos	04/25/16	3512.12	-	-	21.77	0.00	3490.35
RW - 5	Carlos	05/02/16	3512.12	-	-	21.78	0.00	3490.34
RW - 5	Carlos	05/23/16	3512.12	-	-	21.75	0.00	3490.37
RW - 5	Carlos	06/01/16	3512.12	-	-	21.79	0.00	3490.33
RW - 5	Manny	06/06/16	3512.12	34.07	-	21.80	0.00	3490.32
RW - 5	Carlos	06/09/16	3512.12	-	-	21.81	0.00	3490.31
RW - 5	Carlos	06/28/16	3512.12	-	-	22.00	0.00	3490.12
RW - 5	Manny	07/12/16	3512.12	-	-	22.26	0.00	3489.86
RW - 5	Carlos	07/19/16	3512.12	-	22.24	22.26	0.02	3489.88
RW - 5	Carlos	07/27/16	3512.12	-	22.31	22.33	0.02	3489.81
RW - 5	Manny/ Wes	08/03/16	3512.12	34.08	-	22.40	0.00	3489.72
RW - 5	Carlos	08/04/16	3512.12	-	-	22.44	0.00	3489.68
RW - 5	Carlos	08/08/16	3512.12	-	-	22.49	0.00	3489.63
RW - 5	Carlos	08/16/16	3512.12	-	-	22.48	0.00	3489.64
RW - 5	Carlos	08/23/16	3512.12	-	-	22.61	0.00	3489.51
RW - 5	Manny	08/31/16	3512.12	-	-	22.36	0.00	3489.76
RW - 5	Carlos	09/14/16	3512.12	-	-	21.73	0.00	3490.39
RW - 5	Carlos	09/22/16	3512.12	-	-	21.50	0.00	3490.62
RW - 5	Manny	09/27/16	3512.12	-	-	21.40	0.00	3490.72
RW - 5	Wesley	10/07/16	3512.12	-	-	21.93	0.00	3490.19
RW - 5	Manny	10/21/16	3512.12	-	-	21.48	0.00	3490.64
RW - 5	Manny	10/28/16	3512.12	-	-	21.50	0.00	3490.62
RW - 5	Manny	11/04/16	3512.12	-	-	21.39	0.00	3490.73
RW - 5	Manny	11/09/16	3512.12	34.08	-	21.43	0.00	3490.69
RW - 5	Wesley	12/06/16	3512.12	-	-	21.35	0.00	3490.77
RW - 5	Manny	12/15/16	3512.12	-	-	21.46	0.00	3490.66
RW - 5	Manny	12/22/16	3512.12	-	-	21.50	0.00	3490.62
RW - 5	Manny	12/29/16	3512.12	-	-	21.55	0.00	3490.57
RW - 5	Carlos	01/05/17	3512.12	-	-	21.45	0.00	3490.67
RW - 5	Manny	01/11/17	3512.12	-	-	21.38	0.00	3490.74
RW - 5	Carlos	01/18/17	3512.12	-	-	21.42	0.00	3490.70
RW - 5	Manny	01/26/17	3512.12	-	-	21.55	0.00	3490.57
RW - 5	Manny	01/31/17	3512.12	-	-	21.43	0.00	3490.69
RW - 5	Carlos	02/10/17	3512.12	-	-	21.47	0.00	3490.65
RW - 5	Wesley	02/17/17	3512.12	-	-	21.38	0.00	3490.74
RW - 5	Manny	02/24/17	3512.12	-	-	21.43	0.00	3490.69
RW - 5	Manny	03/01/17	3512.12	34.07	-	21.42	0.00	3490.70
RW - 5	Carlos	03/09/17	3512.12	-	-	21.47	0.00	3490.65
RW - 5	Wesley	03/15/17	3512.12	-	-	21.42	0.00	3490.70
RW - 5	Manny	03/22/17	3512.12	-	-	21.45	0.00	3490.67
RW - 5	Carlos	03/29/17	3512.12	-	-	21.54	0.00	3490.58
RW - 5	Manny	04/07/17	3512.12	-	-	21.51	0.00	3490.61
RW - 5	Wesley	04/11/17	3512.12	-	-	21.39	0.00	3490.73
RW - 5	Manny	04/20/17	3512.12	-	-	21.36	0.00	3490.76
RW - 5	Jeremy	05/02/17	3512.12	-	-	21.31	0.00	3490.81
RW - 5	Manny	05/12/17	3512.44	-	-	20.80	0.00	3491.64
RW - 5	Jeremy	05/16/17	3512.12	-	-	21.33	0.00	3490.79
RW - 5	Manny	05/24/17	3512.12	34.01	-	21.39	0.00	3490.73

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5	Jeremy	06/05/17	3512.12	-	-	21.47	0.00	3490.65
RW - 5	Manny	06/15/17	3512.12	-	-	21.60	0.00	3490.52
RW - 5	Jeremy	06/28/17	3512.12	-	-	21.69	0.00	3490.43
RW - 5	Jeremy	07/05/17	3512.12	-	-	21.82	0.00	3490.30
RW - 5	Jeremy	07/11/17	3512.12	-	-	21.84	0.00	3490.28
RW - 5	Jeremy	07/17/17	3512.12	-	-	21.86	0.00	3490.26
RW - 5	Jeremy	07/20/17	3512.12	-	-	22.92	0.00	3489.20
RW - 5	Jeremy	08/16/17	3512.12	33.98	-	21.91	0.00	3490.21
RW - 5	Jeremy	09/05/17	3512.12	-	-	21.68	0.00	3490.44
RW - 5	Jeremy	09/13/17	3512.12	-	-	21.69	0.00	3490.43
RW - 5	Jeremy	09/19/17	3512.12	-	-	21.73	0.00	3490.39
RW - 5	Jeremy	09/29/17	3512.12	-	-	21.79	0.00	3490.33
RW - 5	Jeremy	10/05/17	3512.12	-	-	21.84	0.00	3490.28
RW - 5	Jeremy	10/12/17	3512.12	-	-	21.61	0.00	3490.51
RW - 5	Jeremy	10/20/17	3512.12	-	-	21.64	0.00	3490.48
RW - 5	Jeremy	10/24/17	3512.12	-	-	21.62	0.00	3490.50
RW - 5	Jeremy	11/02/17	3512.12	-	-	21.55	0.00	3490.57
RW - 5	Manny/ Jeremy	11/14/17	3512.12	34.09	-	21.55	0.00	3490.57
RW - 5	Jeremy	12/20/17	3512.12	-	-	22.50	0.00	3489.62
RW - 5	Jeremy	12/28/17	3512.12	-	-	21.44	0.00	3490.68
RW - 5	Jeremy	01/03/18	3512.12	-	-	21.46	0.00	3490.66
RW - 5	Jeremy	01/09/18	3512.12	-	-	21.41	0.00	3490.71
RW - 5	Jeremy	01/19/18	3512.12	-	-	21.42	0.00	3490.70
RW - 5	Jeremy	01/24/18	3512.12	-	-	21.46	0.00	3490.66
RW - 5	Jeremy	02/07/18	3512.12	33.98	-	21.45	0.00	3490.67
RW - 5	Jeremy	02/12/18	3512.12	-	-	21.43	0.00	3490.69
RW - 5	Jeremy	02/22/18	3512.12	-	-	21.39	0.00	3490.73
RW - 5	Jeremy	03/02/18	3512.12	-	-	21.41	0.00	3490.71
RW - 5	Jeremy	03/07/18	3512.12	-	-	21.41	0.00	3490.71
RW - 5	Jeremy	03/19/18	3512.12	-	-	21.45	0.00	3490.67
RW - 5	Jeremy	03/29/18	3512.12	-	-	21.41	0.00	3490.71
RW - 5	Jeremy	04/02/18	3512.12	-	-	21.35	0.00	3490.77
RW - 5	Jeremy	04/11/18	3512.12	-	-	21.35	0.00	3490.77
RW - 5	Jeremy	04/16/18	3512.12	-	-	21.36	0.00	3490.76
RW - 5	Jeremy	04/25/18	3512.12	-	-	21.39	0.00	3490.73
RW - 5	Jeremy	05/01/18	3512.12	-	-	21.36	0.00	3490.76
RW - 5	Jeremy	05/08/18	3512.12	-	-	21.37	0.00	3490.75
RW - 5	Jeremy	05/22/18	3512.12	33.93	-	21.61	0.00	3490.51
RW - 5	Jeremy	05/31/18	3512.12	-	-	21.68	0.00	3490.44
RW - 5	Jeremy	06/06/18	3512.12	-	-	21.74	0.00	3490.38
RW - 5	Jeremy	06/13/18	3512.12	-	-	21.80	0.00	3490.32
RW - 5	Jeremy	06/18/18	3512.12	-	-	21.84	0.00	3490.28
RW - 5	Jeremy	06/25/18	3512.12	-	-	21.89	0.00	3490.23
RW - 5	Jeremy	07/02/18	3512.12	-	-	21.93	0.00	3490.19
RW - 5	Jeremy	07/11/18	3512.12	-	-	22.04	0.00	3490.08
RW - 5	Jeremy	07/19/18	3512.12	-	-	22.03	0.00	3490.09
RW - 5	Jeremy	07/27/18	3512.12	-	-	21.10	0.00	3491.02
RW - 5	Jeremy/ Wesley	08/08/18	3512.12	33.92	-	22.20	0.00	3489.92
RW - 5	Jeremy	08/30/18	3512.12	33.92	-	22.29	0.00	3489.83
RW - 5	Jeremy	09/12/18	3512.12	33.92	-	22.31	0.00	3489.81
RW - 5	Jeremy	09/20/18	3512.12	33.92	-	22.20	0.00	3489.92
RW - 5	Jeremy	09/26/18	3512.12	33.92	-	22.21	0.00	3489.91
RW - 5	Jeremy	10/03/18	3512.12	33.92	-	22.06	0.00	3490.06
RW - 5	Jeremy	10/19/18	3512.12	33.92	-	22.17	0.00	3489.95
RW - 5	Jeremy	10/31/18	3512.12	33.92	-	22.04	0.00	3490.08
RW - 5	Jeremy	11/06/18	3512.12	33.92	-	22.02	0.00	3490.10
RW - 5	Jeremy	11/13/18	3512.12	33.81	-	22.25	0.00	3489.87
RW - 5	Jeremy	12/03/18	3512.12	33.81	-	23.20	0.00	3488.92
RW - 5	Jeremy	12/03/18	3512.12	33.81	-	21.93	0.00	3490.19
RW - 5	Manny/Elias	12/19/18	3512.12	-	-	21.91	0.00	3490.21
RW - 5	Jeremy	12/27/18	3512.12	-	-	21.82	0.00	3490.30

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5	Jeremy	01/03/19	3512.12	-	-	21.82	0.00	3490.30
RW - 5	Jeremy	01/09/19	3512.12	-	-	21.93	0.00	3490.19
RW - 5	Jeremy	01/16/19	3512.12	-	-	21.88	0.00	3490.24
RW - 5	Jeremy	02/06/19	3512.12	-	-	21.94	0.00	3490.18
RW - 5	Jeremy	02/13/19	3512.12	33.94	-	21.85	0.00	3490.27
RW - 5	Jeremy	02/28/19	3512.12	-	-	21.83	0.00	3490.29
RW - 5	Jeremy	03/06/19	3512.12	-	-	21.87	0.00	3490.25
RW - 5	Elias	03/12/19	3512.12	-	-	21.72	0.00	3490.40
RW - 5	Elias	03/19/19	3512.12	-	-	21.81	0.00	3490.31
RW - 5	Elias	03/28/19	3512.12	-	-	21.85	0.00	3490.27
RW - 5	Elias	04/01/19	3512.12	-	-	21.81	0.00	3490.31
RW - 5	Elias	04/10/19	3512.12	-	-	21.69	0.00	3490.43
RW - 5	Elias	04/17/19	3512.12	-	-	21.73	0.00	3490.39
RW - 5	Elias	04/24/19	3512.12	-	-	21.69	0.00	3490.43
RW - 5	Elias	05/01/19	3512.12	-	-	21.74	0.00	3490.38
RW - 5	Elias	05/08/19	3512.12	33.88	-	21.71	0.00	3490.41
RW - 5	Elias	06/14/19	3512.12	-	-	21.92	0.00	3490.20
RW - 5	Elias	07/11/19	3512.12	-	-	22.07	0.00	3490.05
RW - 5	Elias	08/08/19	3512.12	33.84	-	22.32	0.00	3489.80
RW - 5	Elias	09/05/19	3512.12	-	-	-	-	-
RW - 5	Elias	09/12/19	3512.12	-	-	22.46	0.00	3489.66
RW - 5	Elias	09/17/19	3512.12	-	-	22.47	0.00	3489.65
RW - 5	Elias	09/23/19	3512.12	-	-	-	0.00	-
RW - 5	Elias	10/15/19	3512.12	-	-	22.29	0.00	3489.83
RW - 5	Elias	11/06/19	3512.12	33.82	-	22.23	0.00	3489.89
RW - 5	Elias	11/13/19	3512.12	33.84	-	22.14	0.00	3489.98
RW - 5	Elias	12/17/19	3512.12	-	-	22.00	0.00	3490.12
RW - 5	Elias	01/06/20	3512.12	-	-	21.95	0.00	3490.17
RW - 5	Elias	01/23/20	3512.12	-	-	21.92	0.00	3490.20
RW - 5	Elias	02/21/20	3512.12	-	-	21.91	0.00	3490.21
RW - 5	Elias	03/05/20	3512.12	33.82	-	21.89	0.00	3490.23
RW - 5	Manny	05/14/20	3512.12	-	-	21.59	0.00	3490.53
RW - 5	Manny	05/21/20	3512.12	-	-	21.64	0.00	3490.48
RW - 5	Manny	06/18/20	3512.12	33.77	-	21.98	0.00	3490.14
RW - 5	Manny	07/01/20	3512.12	-	-	22.16	0.00	3489.96
RW - 5	Manny	07/21/20	3512.12	-	-	22.29	0.00	3489.83
RW - 5	Manny	08/13/20	3512.12	33.82	-	22.42	0.00	3489.70
RW - 5	Manny	09/14/20	3512.12	-	-	22.52	0.00	3489.60
RW - 5	Manny	09/30/20	3512.12	-	-	22.53	0.00	3489.59
RW - 5	Manny	10/16/20	3512.12	-	-	22.62	0.00	3489.50
RW - 5	Manny	12/10/20	3512.12	33.80	-	22.69	0.00	3489.43
RW - 5	Manny	01/13/21	3512.12	-	-	22.63	0.00	3489.49
RW - 5	Manny	02/11/21	3512.12	33.78	-	22.63	0.00	3489.49
RW - 5	Manny	04/21/21	3512.12	-	-	22.49	0.00	3489.63
RW - 5	Manny	04/28/21	3512.12	-	-	22.48	0.00	3489.64
RW - 5	Manny	06/11/21	3512.12	33.71	-	22.48	0.00	3489.64
RW - 5	Manny	07/31/21	3512.12	-	-	22.54	0.00	3489.58
RW - 5	Manny	08/31/21	3512.12	-	-	22.69	0.00	3489.43
RW - 5	Manny	09/23/21	3512.12	33.78	-	22.73	0.00	3489.39
RW - 5	Manny	10/14/21	3512.12	-	-	22.78	0.00	3489.34
RW - 5	Manny	10/28/21	3512.12	-	-	22.82	0.00	3489.30
RW - 5	Manny	12/06/21	3512.12	33.74	-	22.89	0.00	3489.23
RW - 5	Manny	02/23/22	3512.12	-	-	22.78	0.00	3489.34
RW - 5	Manny	03/16/22	3512.12	33.56	-	22.78	0.00	3489.34
RW - 5	Manny	04/20/22	3512.12	-	-	22.75	0.00	3489.37
RW - 5	Manny	05/11/22	3512.12	33.69	-	22.89	0.00	3489.23
RW - 5	Manny	08/16/22	3512.12	33.68	-	23.21	0.00	3488.91
RW - 5	Manny	11/11/22	3512.12	-	23.10	23.13	0.03	3489.02
RW - 5	Manny	01/17/23	3512.12	-	22.81	22.90	0.09	3489.30
RW - 5	Manny	02/28/23	3512.12	-	22.71	22.74	0.03	3489.41

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 5	Manny	04/13/23	3512.12	-	-	22.68	0.00	3489.44
RW - 5	Manny	05/11/23	3512.12	-	22.60	22.61	0.01	3489.52
RW - 5	Manny	08/18/23	3512.12	33.68	-	23.20	0.00	3488.92
RW - 5	Manny	12/14/23	3512.12	-	22.90	22.93	0.03	3489.22
RW - 5	Manny	02/26/24	3512.12	33.58	-	22.75	0.00	3489.37
RW - 5	Manny	06/17/24	3512.12	33.60	-	23.08	0.00	3489.04
RW - 5	Manny	09/23/24	3512.12	-	23.50	23.53	0.03	3488.62
RW - 5	Manny	12/09/24	3512.12	30.79	-	23.38	0.00	3488.74
RW - 6		11/05/02	3507.45	-	20.09	26.67	6.58	3486.37
RW - 6		11/06/02	3507.45	-	20.12	20.28	0.16	3487.31
RW - 6		11/12/02	3507.45	-	20.08	20.80	0.72	3487.26
RW - 6		01/07/03	3507.45	-	19.70	21.39	1.69	3487.50
RW - 6		01/27/03	3507.45	-	19.67	21.17	1.50	3487.56
RW - 6		02/26/03	3507.45	-	19.65	20.29	0.64	3487.70
RW - 6		03/11/03	3507.45	-	19.84	20.08	0.24	3487.57
RW - 6		03/19/03	3507.45	-	-	19.85	0.00	3487.60
RW - 6		03/25/03	3507.45	-	19.69	20.04	0.35	3487.71
RW - 6		04/16/03	3507.45	-	19.64	20.76	1.12	3487.64
RW - 6		04/23/03	3507.45	-	19.58	20.95	1.37	3487.66
RW - 6		04/29/03	3507.45	-	19.56	20.96	1.40	3487.68
RW - 6		05/14/03	3507.45	-	19.69	21.18	1.49	3487.54
RW - 6		05/20/03	3507.45	-	19.83	21.35	1.52	3487.39
RW - 6		05/27/03	3507.45	-	19.94	21.73	1.79	3487.24
RW - 6		06/04/03	3507.45	-	19.80	20.47	0.67	3487.55
RW - 6		06/26/03	3507.45	-	19.49	20.39	0.90	3487.83
RW - 6		07/07/03	3507.45	-	20.19	21.87	1.68	3487.01
RW - 6		07/30/03	3507.45	-	20.28	22.00	1.72	3486.91
RW - 6		08/06/03	3507.45	-	20.54	22.33	1.79	3486.64
RW - 6		08/21/03	3507.45	-	20.67	22.51	1.84	3486.50
RW - 6		08/26/03	3507.45	-	20.75	22.61	1.86	3486.42
RW - 6		09/08/03	3507.45	-	20.60	22.18	1.58	3486.61
RW - 6		09/15/03	3507.45	-	20.62	22.10	1.48	3486.61
RW - 6		09/24/03	3507.45	-	20.95	21.62	0.67	3486.40
RW - 6		10/02/03	3507.45	-	20.76	22.75	1.99	3486.39
RW - 6		10/08/03	3507.45	-	20.65	22.65	2.00	3486.50
RW - 6		10/16/03	3507.45	-	20.98	23.04	2.06	3486.16
RW - 6		10/28/03	3507.45	-	21.04	23.13	2.09	3486.10
RW - 6		11/11/03	3507.45	-	21.03	23.09	2.06	3486.11
RW - 6		11/18/03	3507.45	-	20.84	22.81	1.97	3486.31
RW - 6		12/10/03	3507.45	-	20.64	22.58	1.94	3486.52
RW - 6		02/02/04	3507.45	-	21.09	21.54	0.45	3486.29
RW - 6		02/26/04	3507.45	-	20.55	22.62	2.07	3486.59
RW - 6		03/16/04	3507.45	-	20.96	22.91	1.95	3486.20
RW - 6		03/19/04	3507.45	-	20.80	22.90	2.10	3486.34
RW - 6		03/25/04	3507.45	-	20.82	22.90	2.08	3486.32
RW - 6		04/01/04	3507.45	-	20.70	22.85	2.15	3486.43
RW - 6		04/08/04	3507.45	-	20.72	22.88	2.16	3486.41
RW - 6		04/14/04	3507.45	-	19.90	22.60	2.70	3487.15
RW - 6		04/16/04	3507.45	-	20.05	23.71	3.66	3486.85
RW - 6		04/22/04	3507.45	-	19.20	22.01	2.81	3487.83
RW - 6		04/29/04	3507.45	-	19.18	22.00	2.82	3487.85
RW - 6		05/11/04	3507.45	-	19.15	22.16	3.01	3487.85
RW - 6		06/08/04	3507.45	-	19.29	22.39	3.10	3487.70
RW - 6		06/17/04	3507.45	-	19.27	22.43	3.16	3487.71
RW - 6		06/22/04	3507.45	-	19.31	22.47	3.16	3487.67
RW - 6		06/29/04	3507.45	-	19.30	22.53	3.23	3487.67
RW - 6		07/06/04	3507.45	-	19.24	22.39	3.15	3487.74
RW - 6		07/13/04	3507.45	-	19.29	22.43	3.14	3487.69
RW - 6		07/20/04	3507.45	-	19.44	22.63	3.19	3487.53
RW - 6		08/04/04	3507.45	-	19.45	22.61	3.16	3487.53

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		08/10/04	3507.45	-	19.46	22.59	3.13	3487.52
RW - 6		08/16/04	3507.45	-	19.62	22.65	3.03	3487.38
RW - 6		08/23/04	3507.45	-	19.68	19.70	0.02	3487.77
RW - 6		08/26/04	3507.45	-	19.87	19.90	0.03	3487.58
RW - 6		08/31/04	3507.45	-	19.89	19.92	0.03	3487.56
RW - 6		09/13/04	3507.45	-	19.90	20.66	0.76	3487.44
RW - 6		09/20/04	3507.45	-	19.95	20.61	0.66	3487.40
RW - 6		09/30/04	3507.45	-	20.00	20.43	0.43	3487.39
RW - 6		10/04/04	3507.45	-	19.38	20.19	0.81	3487.95
RW - 6		10/11/04	3507.45	-	19.12	19.88	0.76	3488.22
RW - 6		10/18/04	3507.45	-	19.10	20.04	0.94	3488.21
RW - 6		10/26/04	3507.45	-	19.26	19.83	0.57	3488.10
RW - 6		11/02/04	3507.45	-	19.05	20.03	0.98	3488.25
RW - 6		11/08/04	3507.45	-	19.05	19.98	0.93	3488.26
RW - 6		11/15/04	3507.45	-	19.07	21.26	2.19	3488.05
RW - 6		12/01/04	3507.45	-	18.83	21.93	3.10	3488.16
RW - 6		12/03/04	3507.45	-	18.83	21.93	3.10	3488.16
RW - 6		12/14/04	3507.45	-	18.74	21.89	3.15	3488.24
RW - 6		12/21/04	3507.45	-	18.75	21.35	2.60	3488.31
RW - 6		12/29/04	3507.45	-	18.82	21.00	2.18	3488.30
RW - 6		01/11/05	3507.45	-	18.39	20.97	2.58	3488.67
RW - 6		01/14/05	3507.45	-	18.65	20.69	2.04	3488.49
RW - 6		01/18/05	3507.45	-	18.65	21.20	2.55	3488.42
RW - 6		01/21/05	3507.45	-	18.64	20.93	2.29	3488.47
RW - 6		01/25/05	3507.45	-	18.55	20.70	2.15	3488.58
RW - 6		01/28/05	3507.45	-	18.70	20.01	1.31	3488.55
RW - 6		02/02/05	3507.45	-	18.60	20.21	1.61	3488.61
RW - 6		02/05/05	3507.45	-	18.89	19.97	1.08	3488.40
RW - 6		02/08/05	3507.45	-	18.67	19.65	0.98	3488.63
RW - 6		02/11/05	3507.45	-	18.81	19.51	0.70	3488.54
RW - 6		02/15/05	3507.45	-	18.55	19.90	1.35	3488.70
RW - 6		02/18/05	3507.45	-	18.72	19.59	0.87	3488.60
RW - 6		02/22/05	3507.45	-	18.53	19.93	1.40	3488.71
RW - 6		02/25/05	3507.45	-	18.57	20.10	1.53	3488.65
RW - 6		03/01/05	3507.45	-	18.47	20.05	1.58	3488.74
RW - 6		03/04/05	3507.45	-	18.54	19.94	1.40	3488.70
RW - 6		03/08/05	3507.45	-	18.46	19.73	1.27	3488.80
RW - 6		03/08/05	3507.45	-	18.46	19.73	1.27	3488.80
RW - 6		03/11/05	3507.45	-	18.60	19.35	0.75	3488.74
RW - 6		03/15/05	3507.45	-	18.54	19.35	0.81	3488.79
RW - 6		03/18/05	3507.45	-	18.51	19.36	0.85	3488.81
RW - 6		03/22/05	3507.45	-	18.43	19.36	0.93	3488.88
RW - 6		03/28/05	3507.45	-	18.31	20.00	1.69	3488.89
RW - 6		04/01/05	3507.45	-	18.57	19.49	0.92	3488.74
RW - 6		04/05/05	3507.45	-	18.24	20.40	2.16	3488.89
RW - 6		04/08/05	3507.45	-	18.27	19.90	1.63	3488.94
RW - 6		04/15/05	3507.45	-	18.23	20.05	1.82	3488.95
RW - 6		05/25/05	3507.45	-	18.18	18.60	0.42	3489.21
RW - 6		05/27/05	3507.45	-	18.20	18.37	0.17	3489.22
RW - 6		05/31/05	3507.45	-	18.16	18.59	0.43	3489.23
RW - 6		06/03/05	3507.45	-	18.10	18.70	0.60	3489.26
RW - 6		06/06/05	3507.45	-	18.07	18.88	0.81	3489.26
RW - 6		06/08/05	3507.45	-	18.10	18.81	0.71	3489.24
RW - 6		06/13/05	3507.45	-	18.09	18.79	0.70	3489.26
RW - 6		06/20/05	3507.45	-	18.11	18.84	0.73	3489.23
RW - 6		06/24/05	3507.45	-	18.03	19.40	1.37	3489.21
RW - 6		06/27/05	3507.45	-	18.08	18.68	0.60	3489.28
RW - 6		07/11/05	3507.45	-	18.13	19.08	0.95	3489.18
RW - 6		07/15/05	3507.45	-	18.27	18.92	0.65	3489.08
RW - 6		07/18/05	3507.45	-	18.23	19.33	1.10	3489.06
RW - 6		07/21/05	3507.45	-	18.33	18.88	0.55	3489.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		07/25/05	3507.45	-	18.32	19.12	0.80	3489.01
RW - 6		08/01/05	3507.45	-	18.33	18.91	0.58	3489.03
RW - 6		08/04/05	3507.45	-	18.43	18.82	0.39	3488.96
RW - 6		08/15/05	3507.45	-	18.38	19.54	1.16	3488.90
RW - 6		08/23/05	3507.45	-	18.31	18.66	0.35	3489.09
RW - 6		08/30/05	3507.45	-	18.35	18.79	0.44	3489.03
RW - 6		09/06/05	3507.45	-	18.23	18.41	0.18	3489.19
RW - 6		09/13/05	3507.45	-	18.40	18.41	0.01	3489.05
RW - 6		09/15/05	3507.45	-	18.20	18.70	0.50	3489.18
RW - 6		09/19/05	3507.45	-	18.25	18.71	0.46	3489.13
RW - 6		09/27/05	3507.45	-	18.12	18.60	0.48	3489.26
RW - 6		10/03/05	3507.45	-	18.20	18.65	0.45	3489.18
RW - 6		10/08/05	3507.45	-	18.01	18.76	0.75	3489.33
RW - 6		10/10/05	3507.45	-	18.18	19.22	1.04	3489.11
RW - 6		10/17/05	3507.45	-	18.06	18.64	0.58	3489.30
RW - 6		10/24/05	3507.45	-	18.10	18.60	0.50	3489.28
RW - 6		10/31/05	3507.45	-	18.16	18.84	0.68	3489.19
RW - 6		11/15/05	3507.45	-	18.15	18.80	0.65	3489.20
RW - 6		11/22/05	3507.45	-	18.07	18.71	0.64	3489.28
RW - 6		11/27/05	3507.45	-	18.03	18.74	0.71	3489.31
RW - 6		12/07/05	3507.45	-	18.02	18.79	0.77	3489.31
RW - 6		12/12/05	3507.45	-	17.99	19.09	1.10	3489.30
RW - 6		12/16/05	3507.45	-	18.05	19.00	0.95	3489.26
RW - 6		12/22/05	3507.45	-	18.00	19.21	1.21	3489.27
RW - 6		12/27/05	3507.45	-	18.00	18.72	0.72	3489.34
RW - 6		01/03/06	3507.45	-	18.04	18.90	0.86	3489.28
RW - 6		01/09/06	3507.45	-	18.05	18.60	0.55	3489.32
RW - 6		01/16/06	3507.45	-	18.03	18.81	0.78	3489.30
RW - 6		01/23/06	3507.45	-	18.07	18.69	0.62	3489.29
RW - 6		01/30/06	3507.45	-	18.10	18.65	0.55	3489.27
RW - 6		02/06/06	3507.45	-	18.03	18.79	0.76	3489.31
RW - 6		02/14/06	3507.45	-	18.05	18.53	0.48	3489.33
RW - 6		02/21/06	3507.45	-	18.00	18.57	0.57	3489.36
RW - 6		03/01/06	3507.45	-	17.98	18.60	0.62	3489.38
RW - 6		03/06/06	3507.45	-	18.05	18.59	0.54	3489.32
RW - 6		03/16/06	3507.45	-	18.05	18.27	0.22	3489.37
RW - 6		03/17/06	3507.45	-	18.05	18.21	0.16	3489.38
RW - 6		03/21/06	3507.45	-	18.10	18.13	0.03	3489.35
RW - 6		03/28/06	3507.45	-	18.07	18.24	0.17	3489.35
RW - 6		04/03/06	3507.45	-	17.99	18.34	0.35	3489.41
RW - 6		04/10/06	3507.45	-	17.94	18.35	0.41	3489.45
RW - 6		04/17/06	3507.45	-	17.93	18.41	0.48	3489.45
RW - 6		05/01/06	3507.45	-	17.94	18.55	0.61	3489.42
RW - 6		05/08/06	3507.45	-	17.97	18.42	0.45	3489.41
RW - 6		05/15/06	3507.45	-	18.05	18.62	0.57	3489.31
RW - 6		05/30/06	3507.45	-	18.21	19.47	1.26	3489.05
RW - 6		06/05/06	3507.45	-	18.23	18.91	0.68	3489.12
RW - 6		06/12/06	3507.45	-	18.38	19.01	0.63	3488.98
RW - 6		06/15/06	3507.45	-	18.46	18.83	0.37	3488.93
RW - 6		06/19/06	3507.45	-	18.87	18.91	0.04	3488.57
RW - 6		07/03/06	3507.45	-	18.66	19.08	0.42	3488.73
RW - 6		07/10/06	3507.45	-	18.59	19.10	0.51	3488.78
RW - 6		07/17/06	3507.45	-	18.46	18.97	0.51	3488.91
RW - 6		07/26/06	3507.45	-	18.53	19.25	0.72	3488.81
RW - 6		07/31/06	3507.45	-	18.58	19.25	0.67	3488.77
RW - 6		08/07/06	3507.45	-	18.61	19.16	0.55	3488.76
RW - 6		08/17/06	3507.45	-	18.53	19.27	0.74	3488.81
RW - 6		08/21/06	3507.45	-	18.48	19.02	0.54	3488.89
RW - 6		09/06/06	3507.45	-	18.15	18.43	0.28	3489.26
RW - 6		09/11/06	3507.45	-	18.29	18.97	0.68	3489.06
RW - 6		09/18/06	3507.45	-	18.18	18.71	0.53	3489.19

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		09/25/06	3507.45	-	18.17	18.93	0.76	3489.17
RW - 6		10/02/06	3507.45	-	18.14	18.90	0.76	3489.20
RW - 6		10/09/06	3507.45	-	18.15	19.00	0.85	3489.17
RW - 6		10/17/06	3507.45	-	18.12	19.28	1.16	3489.16
RW - 6		10/23/06	3507.45	-	18.14	19.29	1.15	3489.14
RW - 6		10/30/06	3507.45	-	18.12	19.27	1.15	3489.16
RW - 6		11/06/06	3507.45	-	18.13	19.11	0.98	3489.17
RW - 6		11/13/06	3507.45	-	18.19	18.65	0.46	3489.19
RW - 6		11/20/06	3507.45	-	18.23	18.65	0.42	3489.16
RW - 6		11/27/06	3507.45	-	18.18	18.61	0.43	3489.21
RW - 6		11/30/06	3507.45	-	18.20	18.65	0.45	3489.18
RW - 6		12/04/06	3507.45	-	18.17	18.76	0.59	3489.19
RW - 6		12/12/06	3507.45	-	18.20	18.77	0.57	3489.16
RW - 6		12/18/06	3507.45	-	18.05	18.61	0.56	3489.32
RW - 6		01/02/07	3507.45	-	18.10	18.88	0.78	3489.23
RW - 6		01/11/07	3507.45	-	18.02	18.56	0.54	3489.35
RW - 6		01/18/07	3507.45	-	18.15	18.61	0.46	3489.23
RW - 6		01/22/07	3507.45	-	18.11	18.68	0.57	3489.25
RW - 6		02/05/07	3507.45	-	18.03	18.55	0.52	3489.34
RW - 6		02/12/07	3507.45	-	18.04	18.45	0.41	3489.35
RW - 6		02/19/07	3507.45	-	18.03	18.42	0.39	3489.36
RW - 6		02/27/07	3507.45	-	18.04	18.75	0.71	3489.30
RW - 6		03/05/07	3507.45	-	18.06	18.73	0.67	3489.29
RW - 6		03/12/07	3507.45	-	18.09	18.42	0.33	3489.31
RW - 6		03/19/07	3507.45	-	17.99	18.38	0.39	3489.40
RW - 6		04/02/07	3507.45	-	18.09	18.47	0.38	3489.30
RW - 6		04/09/07	3507.45	-	17.93	18.49	0.56	3489.44
RW - 6		05/01/07	3507.45	-	17.90	18.48	0.58	3489.46
RW - 6		05/12/07	3507.45	-	17.91	18.50	0.59	3489.45
RW - 6		05/17/07	3507.45	-	17.82	18.25	0.43	3489.57
RW - 6		05/21/07	3507.45	-	17.76	18.20	0.44	3489.62
RW - 6		05/22/07	3507.45	-	17.76	18.20	0.44	3489.62
RW - 6		06/01/07	3507.45	-	17.78	18.30	0.52	3489.59
RW - 6		06/06/07	3507.45	-	17.78	18.37	0.59	3489.58
RW - 6		06/11/07	3507.45	-	17.84	18.33	0.49	3489.54
RW - 6		06/19/07	3507.45	-	17.97	18.36	0.39	3489.42
RW - 6		06/25/07	3507.45	-	17.98	18.30	0.32	3489.42
RW - 6		07/03/07	3507.45	-	18.14	18.52	0.38	3489.25
RW - 6		07/18/07	3507.45	-	18.26	18.66	0.40	3489.13
RW - 6		07/23/07	3507.45	-	18.35	18.76	0.41	3489.04
RW - 6		07/31/07	3507.45	-	18.42	19.02	0.60	3488.94
RW - 6		08/14/07	3507.45	-	18.49	19.03	0.54	3488.88
RW - 6		08/15/07	3507.45	-	18.54	18.79	0.25	3488.87
RW - 6		08/29/07	3507.45	-	18.60	19.17	0.57	3488.76
RW - 6		09/07/07	3507.45	-	18.61	19.06	0.45	3488.77
RW - 6		09/10/07	3507.45	-	18.60	19.09	0.49	3488.78
RW - 6		09/17/07	3507.45	-	18.37	18.79	0.42	3489.02
RW - 6		09/24/07	3507.45	-	18.30	18.74	0.44	3489.08
RW - 6		11/05/07	3507.45	-	18.22	19.29	1.07	3489.07
RW - 6		11/06/07	3507.45	-	18.31	18.84	0.53	3489.06
RW - 6		11/12/07	3507.45	-	18.31	18.85	0.54	3489.06
RW - 6		11/19/07	3507.45	-	18.26	18.58	0.32	3489.14
RW - 6		11/30/07	3507.45	-	18.32	19.19	0.87	3489.00
RW - 6		12/03/07	3507.45	-	18.21	18.53	0.32	3489.19
RW - 6		12/14/07	3507.45	-	18.26	18.61	0.35	3489.14
RW - 6		12/17/07	3507.45	-	18.14	18.48	0.34	3489.26
RW - 6		01/09/08	3507.45	-	18.17	18.64	0.47	3489.21
RW - 6		01/16/08	3507.45	-	18.12	18.74	0.62	3489.24
RW - 6		01/30/08	3507.45	-	18.17	18.71	0.54	3489.20
RW - 6		02/08/08	3507.45	-	18.22	18.64	0.42	3489.17
RW - 6		02/12/08	3507.45	-	18.23	18.49	0.26	3489.18

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		02/14/08	3507.45	-	18.21	18.43	0.22	3489.21
RW - 6		02/20/08	3507.45	-	18.14	18.32	0.18	3489.28
RW - 6		02/28/08	3507.45	-	18.13	18.44	0.31	3489.27
RW - 6		03/05/08	3507.45	-	18.16	18.39	0.23	3489.26
RW - 6		03/13/08	3507.45	-	18.11	18.32	0.21	3489.31
RW - 6		03/19/08	3507.45	-	18.15	18.36	0.21	3489.27
RW - 6		03/24/08	3507.45	-	18.12	18.38	0.26	3489.29
RW - 6		04/02/08	3507.45	-	18.12	18.31	0.19	3489.30
RW - 6		04/07/08	3507.45	-	18.10	18.26	0.16	3489.33
RW - 6		04/14/08	3507.45	-	18.09	18.33	0.24	3489.32
RW - 6		04/23/08	3507.45	-	18.08	18.30	0.22	3489.34
RW - 6		05/07/08	3507.45	-	18.08	18.41	0.33	3489.32
RW - 6		05/13/08	3507.45	-	18.08	18.41	0.33	3489.32
RW - 6		05/14/08	3507.45	-	18.14	18.35	0.21	3489.28
RW - 6		05/19/08	3507.45	-	18.14	18.33	0.19	3489.28
RW - 6		06/09/08	3507.45	-	18.39	18.86	0.47	3488.99
RW - 6		06/16/08	3507.45	-	18.12	18.32	0.20	3489.30
RW - 6		06/23/08	3507.45	-	18.60	18.97	0.37	3488.79
RW - 6		06/30/08	3507.45	-	18.67	18.98	0.31	3488.73
RW - 6		07/14/08	3507.45	-	18.72	18.96	0.24	3488.69
RW - 6		07/22/08	3507.45	-	18.78	19.05	0.27	3488.63
RW - 6		07/29/08	3507.45	-	18.75	19.03	0.28	3488.66
RW - 6		08/04/08	3507.45	-	18.89	19.17	0.28	3488.52
RW - 6		08/11/08	3507.45	-	18.85	19.14	0.29	3488.56
RW - 6		08/14/08	3507.45	-	18.89	19.12	0.23	3488.53
RW - 6		08/18/08	3507.45	-	18.91	19.17	0.26	3488.50
RW - 6		08/28/08	3507.45	-	18.79	19.08	0.29	3488.62
RW - 6		09/02/08	3507.45	-	18.75	18.96	0.21	3488.67
RW - 6		09/17/08	3507.45	-	18.56	19.04	0.48	3488.82
RW - 6		09/29/08	3507.45	-	18.54	18.91	0.37	3488.85
RW - 6		10/06/08	3507.45	-	18.55	18.81	0.26	3488.86
RW - 6		10/13/08	3507.45	-	18.57	18.80	0.23	3488.85
RW - 6		10/20/08	3507.45	-	18.49	18.69	0.20	3488.93
RW - 6		10/29/08	3507.45	-	18.49	18.74	0.25	3488.92
RW - 6		10/30/08	3507.45	-	18.62	18.80	0.18	3488.80
RW - 6		11/06/08	3507.45	-	18.48	18.70	0.22	3488.94
RW - 6		11/12/08	3507.45	-	18.42	18.62	0.20	3489.00
RW - 6		11/13/08	3507.45	-	18.42	18.62	0.20	3489.00
RW - 6		12/16/08	3507.45	-	18.46	18.84	0.38	3488.93
RW - 6		12/19/08	3507.45	-	18.38	18.61	0.23	3489.04
RW - 6		12/22/08	3507.45	-	18.38	18.56	0.18	3489.04
RW - 6		01/06/09	3507.45	-	18.37	18.69	0.32	3489.03
RW - 6		01/12/09	3507.45	-	18.31	18.89	0.58	3489.05
RW - 6		01/19/09	3507.45	-	18.34	18.81	0.47	3489.04
RW - 6		01/22/09	3507.45	-	18.31	18.42	0.11	3489.12
RW - 6		01/26/09	3507.45	-	18.33	18.49	0.16	3489.10
RW - 6		02/10/09	3507.45	-	18.29	18.52	0.23	3489.13
RW - 6		02/13/09	3507.45	-	18.31	19.09	0.78	3489.02
RW - 6		02/16/09	3507.45	-	18.36	19.11	0.75	3488.98
RW - 6		02/24/09	3507.45	-	18.38	19.15	0.77	3488.95
RW - 6		03/02/09	3507.45	-	18.28	18.52	0.24	3489.13
RW - 6		03/09/09	3507.45	-	18.25	18.41	0.16	3489.18
RW - 6		03/16/09	3507.45	-	18.31	18.45	0.14	3489.12
RW - 6		03/19/09	3507.45	-	18.35	18.90	0.55	3489.02
RW - 6		03/25/09	3507.45	-	18.34	18.89	0.55	3489.03
RW - 6		03/30/09	3507.45	-	18.33	18.87	0.54	3489.04
RW - 6		04/13/09	3507.45	-	18.21	18.45	0.24	3489.20
RW - 6		04/16/09	3507.45	-	18.37	18.84	0.47	3489.01
RW - 6		04/21/09	3507.45	-	18.38	18.78	0.40	3489.01
RW - 6		04/27/09	3507.45	-	18.22	18.31	0.09	3489.22
RW - 6		04/30/09	3507.45	-	18.35	18.76	0.41	3489.04

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		05/06/09	3507.45	-	18.36	18.73	0.37	3489.03
RW - 6		05/12/09	3507.45	-	18.25	18.53	0.28	3489.16
RW - 6		05/19/09	3507.45	-	18.28	18.61	0.33	3489.12
RW - 6		05/26/09	3507.45	-	18.40	18.64	0.24	3489.01
RW - 6		06/01/09	3507.45	-	18.42	18.61	0.19	3489.00
RW - 6		06/05/09	3507.45	-	18.45	18.58	0.13	3488.98
RW - 6		06/12/09	3507.45	-	18.50	18.65	0.15	3488.93
RW - 6		06/15/09	3507.45	-	18.60	18.73	0.13	3488.83
RW - 6		06/22/09	3507.45	-	18.64	18.79	0.15	3488.79
RW - 6		06/24/09	3507.45	-	18.60	18.72	0.12	3488.83
RW - 6		06/29/09	3507.45	-	18.70	18.97	0.27	3488.71
RW - 6		07/06/09	3507.45	-	18.70	18.85	0.15	3488.73
RW - 6		07/09/09	3507.45	-	18.26	18.59	0.33	3489.14
RW - 6		07/13/09	3507.45	-	18.28	18.61	0.33	3489.12
RW - 6		07/20/09	3507.45	-	18.29	18.63	0.34	3489.11
RW - 6		07/23/09	3507.45	-	18.94	19.25	0.31	3488.46
RW - 6		07/27/09	3507.45	-	18.96	18.23	-0.73	3488.60
RW - 6		07/29/09	3507.45	-	18.82	19.08	0.26	3488.59
RW - 6		08/03/09	3507.45	-	18.86	18.97	0.11	3488.57
RW - 6		08/10/09	3507.45	-	18.86	18.95	0.09	3488.58
RW - 6		08/10/09	3507.45	-	18.86	18.95	0.09	3488.58
RW - 6		08/18/09	3507.45	-	18.98	19.21	0.23	3488.44
RW - 6		08/24/09	3507.45	-	19.01	19.26	0.25	3488.40
RW - 6		08/28/09	3507.45	-	18.98	19.20	0.22	3488.44
RW - 6		08/31/09	3507.45	-	19.10	19.20	0.10	3488.34
RW - 6		09/02/09	3507.45	-	18.97	19.18	0.21	3488.45
RW - 6		09/08/09	3507.45	-	19.03	19.11	0.08	3488.41
RW - 6		09/10/09	3507.45	-	19.04	19.31	0.27	3488.37
RW - 6		09/16/09	3507.45	-	19.02	19.17	0.15	3488.41
RW - 6		09/18/09	3507.45	-	19.03	19.31	0.28	3488.38
RW - 6		09/22/09	3507.45	-	19.10	19.31	0.21	3488.32
RW - 6		09/28/09	3507.45	-	18.99	19.19	0.20	3488.43
RW - 6		10/09/09	3507.45	-	19.06	19.58	0.52	3488.31
RW - 6		10/12/09	3507.45	-	18.26	18.59	0.33	3489.14
RW - 6		10/15/09	3507.45	-	19.15	19.41	0.26	3488.26
RW - 6		10/20/09	3507.45	-	19.15	19.34	0.19	3488.27
RW - 6		10/26/09	3507.45	-	18.25	18.57	0.32	3489.15
RW - 6		10/28/09	3507.45	-	19.15	19.33	0.18	3488.27
RW - 6		11/03/09	3507.45	-	19.12	19.30	0.18	3488.30
RW - 6		11/12/09	3507.45	-	19.05	19.25	0.20	3488.37
RW - 6		11/18/09	3507.45	-	19.14	19.32	0.18	3488.28
RW - 6		12/03/09	3507.45	-	19.11	19.46	0.35	3488.29
RW - 6		12/11/09	3507.45	-	19.13	19.38	0.25	3488.28
RW - 6		12/16/09	3507.45	-	19.12	19.40	0.28	3488.29
RW - 6		12/21/09	3507.45	-	19.17	19.34	0.17	3488.25
RW - 6		12/28/09	3507.45	-	19.02	19.13	0.11	3488.41
RW - 6		01/04/10	3507.45	-	19.12	19.32	0.20	3488.30
RW - 6		01/14/10	3507.45	-	19.08	19.29	0.21	3488.34
RW - 6		01/20/10	3507.45	-	19.00	19.15	0.15	3488.43
RW - 6		01/25/10	3507.45	-	18.94	19.14	0.20	3488.48
RW - 6		01/27/10	3507.45	-	19.00	19.14	0.14	3488.43
RW - 6		02/01/10	3507.45	-	18.99	19.10	0.11	3488.44
RW - 6		02/08/10	3507.45	-	18.95	19.07	0.12	3488.48
RW - 6		02/08/10	3507.45	-	sheen	17.28	0.00	3490.17
RW - 6		02/09/10	3507.45	-	19.02	19.07	0.05	3488.42
RW - 6		02/19/10	3507.45	-	18.81	19.02	0.21	3488.61
RW - 6		02/26/10	3507.45	-	18.94	19.10	0.16	3488.49
RW - 6		03/01/10	3507.45	-	19.10	19.30	0.20	3488.32
RW - 6		03/04/10	3507.45	-	18.86	18.97	0.11	3488.57
RW - 6		03/08/10	3507.45	-	18.88	18.94	0.06	3488.56
RW - 6		03/11/10	3507.45	-	18.75	18.89	0.14	3488.68

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		03/15/10	3507.45	-	18.84	19.00	0.16	3488.59
RW - 6		03/17/10	3507.45	-	18.82	18.89	0.07	3488.62
RW - 6		03/22/10	3507.45	-	18.71	18.82	0.11	3488.72
RW - 6		03/29/10	3507.45	-	18.67	18.75	0.08	3488.77
RW - 6		04/05/10	3507.45	-	17.97	18.06	0.09	3489.47
RW - 6		04/14/10	3507.45	-	18.74	18.87	0.13	3488.69
RW - 6		04/16/10	3507.45	-	18.62	18.72	0.10	3488.82
RW - 6		04/19/10	3507.45	-	18.72	18.78	0.06	3488.72
RW - 6		04/28/10	3507.45	-	18.64	18.73	0.09	3488.80
RW - 6		05/05/10	3507.45	-	18.56	18.68	0.12	3488.87
RW - 6		05/12/10	3507.45	-	18.61	18.69	0.08	3488.83
RW - 6		05/14/10	3507.45	-	18.61	18.70	0.09	3488.83
RW - 6		05/21/10	3507.45	-	18.64	18.71	0.07	3488.80
RW - 6		05/26/10	3507.45	-	18.60	18.65	0.05	3488.84
RW - 6		06/04/10	3507.45	-	18.66	18.72	0.06	3488.78
RW - 6		06/07/10	3507.45	-	18.78	18.90	0.12	3488.65
RW - 6		06/12/10	3507.45	-	18.85	19.00	0.15	3488.58
RW - 6		06/24/10	3507.45	-	18.96	19.11	0.15	3488.47
RW - 6		06/30/10	3507.45	-	19.00	19.14	0.14	3488.43
RW - 6		07/07/10	3507.45	-	18.41	18.88	0.47	3488.97
RW - 6		07/12/10	3507.45	-	18.45	18.60	0.15	3488.98
RW - 6		07/19/10	3507.45	-	18.18	18.47	0.29	3489.23
RW - 6		07/26/10	3507.45	-	-	-	0.00	-
RW - 6		08/03/10	3507.45	-	18.18	18.63	0.45	3489.20
RW - 6		08/11/10	3507.45	-	18.20	18.47	0.27	3489.21
RW - 6		08/19/10	3507.45	-	18.22	18.50	0.28	3489.19
RW - 6		08/25/10	3507.45	-	18.25	18.60	0.35	3489.15
RW - 6		09/01/10	3507.45	-	18.27	18.70	0.43	3489.12
RW - 6		09/09/10	3507.45	-	18.33	18.86	0.53	3489.04
RW - 6		09/13/10	3507.45	-	18.18	18.45	0.27	3489.23
RW - 6		09/29/10	3507.45	-	18.52	18.95	0.43	3488.87
RW - 6		10/05/10	3507.45	-	18.19	18.47	0.28	3489.22
RW - 6		10/20/10	3507.45	-	18.59	19.04	0.45	3488.79
RW - 6		10/25/10	3507.45	-	18.58	19.07	0.49	3488.80
RW - 6		11/03/10	3507.45	-	18.31	18.57	0.26	3489.10
RW - 6		11/10/10	3507.45	-	18.58	19.19	0.61	3488.78
RW - 6		11/12/10	3507.45	-	18.58	19.19	0.61	3488.78
RW - 6		12/09/10	3507.45	-	18.21	18.52	0.31	3489.19
RW - 6		01/18/11	3507.45	-	18.60	19.20	0.60	3488.76
RW - 6		02/16/11	3507.45	-	18.56	19.23	0.67	3488.79
RW - 6		03/01/11	3507.45	-	18.40	19.02	0.62	3488.96
RW - 6		03/07/11	3507.45	-	18.39	18.99	0.60	3488.97
RW - 6		03/22/11	3507.45	-	18.56	19.21	0.65	3488.79
RW - 6		04/27/11	3507.45	-	18.51	19.01	0.50	3488.87
RW - 6		05/05/11	3507.45	-	18.58	19.03	0.45	3488.80
RW - 6		05/10/11	3507.45	-	19.01	19.05	0.04	3488.43
RW - 6		05/17/11	3507.45	-	18.87	19.13	0.26	3488.54
RW - 6		05/19/11	3507.45	-	18.87	19.13	0.26	3488.54
RW - 6		05/24/11	3507.45	-	18.67	19.00	0.33	3488.73
RW - 6		06/07/11	3507.45	-	18.79	19.08	0.29	3488.62
RW - 6		06/08/11	3507.45	-	18.80	18.95	0.15	3488.63
RW - 6		06/14/11	3507.45	-	18.85	19.10	0.25	3488.56
RW - 6		06/23/11	3507.45	-	18.91	19.11	0.20	3488.51
RW - 6		06/28/11	3507.45	-	18.85	19.09	0.24	3488.56
RW - 6		07/06/11	3507.45	-	18.97	19.44	0.47	3488.41
RW - 6		07/14/11	3507.45	-	18.69	19.39	0.70	3488.66
RW - 6		07/20/11	3507.45	-	19.04	19.45	0.41	3488.35
RW - 6		07/27/11	3507.45	-	19.12	19.45	0.33	3488.28
RW - 6		08/03/11	3507.45	-	19.11	19.43	0.32	3488.29
RW - 6		08/10/11	3507.45	-	19.10	19.31	0.21	3488.32
RW - 6		08/18/11	3507.45	-	19.15	19.48	0.33	3488.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		08/25/11	3507.45	-	19.24	19.60	0.36	3488.16
RW - 6		09/07/11	3507.45	-	19.26	19.68	0.42	3488.13
RW - 6		09/14/11	3507.45	-	19.28	19.76	0.48	3488.10
RW - 6		11/14/11	3507.45	-	19.17	19.73	0.56	3488.20
RW - 6		12/01/11	3507.45	-	19.18	19.94	0.76	3488.16
RW - 6		12/08/11	3507.45	-	19.15	19.66	0.51	3488.22
RW - 6		12/14/11	3507.45	-	19.21	19.82	0.61	3488.15
RW - 6		01/12/12	3507.45	-	19.12	19.63	0.51	3488.25
RW - 6		01/19/12	3507.45	-	19.08	19.49	0.41	3488.31
RW - 6		02/03/12	3507.45	-	19.02	19.57	0.55	3488.35
RW - 6		02/29/12	3507.45	-	18.91	19.43	0.52	3488.46
RW - 6		03/14/12	3507.45	-	18.88	19.33	0.45	3488.50
RW - 6		03/19/12	3507.45	-	18.87	19.21	0.34	3488.53
RW - 6		03/29/12	3507.45	-	18.83	19.19	0.36	3488.57
RW - 6		04/05/12	3507.45	-	18.81	19.15	0.34	3488.59
RW - 6		04/18/12	3507.45	-	18.77	19.06	0.29	3488.64
RW - 6		04/27/12	3507.45	-	18.81	19.15	0.34	3488.59
RW - 6		05/02/12	3507.45	-	18.82	19.13	0.31	3488.58
RW - 6		05/31/12	3507.45	-	18.90	19.15	0.25	3488.51
RW - 6		06/08/12	3507.45	-	18.83	19.43	0.60	3488.53
RW - 6		06/12/12	3507.45	-	18.95	19.31	0.36	3488.45
RW - 6		06/21/12	3507.45	-	18.90	19.40	0.50	3488.48
RW - 6		06/29/12	3507.45	-	18.92	19.51	0.59	3488.44
RW - 6		07/13/12	3507.45	-	19.14	19.58	0.44	3488.24
RW - 6		12/06/12	3507.45	-	20.74	20.75	0.01	3486.71
RW - 6		12/11/12	3507.45	-	-	20.78	0.00	3486.67
RW - 6		12/18/12	3507.45	-	20.72	20.73	0.01	3486.73
RW - 6		01/09/13	3507.45	-	-	20.68	0.00	3486.77
RW - 6		01/15/13	3507.45	-	19.01	19.06	0.05	3488.43
RW - 6		01/23/13	3507.45	-	-	20.68	0.00	3486.77
RW - 6		01/29/13	3507.45	-	20.63	20.64	0.01	3486.82
RW - 6		02/07/13	3507.45	-	-	20.66	0.00	3486.79
RW - 6		02/13/13	3507.45	-	-	20.72	0.00	3486.73
RW - 6		02/20/13	3507.45	-	-	27.50	0.00	3479.95
RW - 6		03/15/13	3507.45	-	-	20.61	0.00	3486.84
RW - 6		03/19/13	3507.45	-	-	20.68	0.00	3486.77
RW - 6		04/02/13	3507.45	-	-	20.65	0.00	3486.80
RW - 6		04/08/13	3507.45	-	-	20.46	0.00	3486.99
RW - 6		04/09/13	3507.45	-	-	20.59	0.00	3486.86
RW - 6		04/16/13	3507.45	-	-	20.56	0.00	3486.89
RW - 6		04/23/13	3507.45	-	-	20.59	0.00	3486.86
RW - 6		04/30/13	3507.45	-	-	20.56	0.00	3486.89
RW - 6		05/08/13	3507.45	-	-	20.55	0.00	3486.90
RW - 6		05/14/13	3507.45	-	-	20.53	0.00	3486.92
RW - 6		05/22/13	3507.45	-	-	20.45	0.00	3487.00
RW - 6		05/28/13	3507.45	-	-	20.56	0.00	3486.89
RW - 6		06/04/13	3507.45	-	-	20.67	0.00	3486.78
RW - 6		06/11/13	3507.45	-	-	20.61	0.00	3486.84
RW - 6		06/19/13	3507.45	-	-	20.61	0.00	3486.84
RW - 6		06/28/13	3507.45	-	-	20.84	0.00	3486.61
RW - 6		07/01/13	3507.45	-	-	19.83	0.00	3487.62
RW - 6		07/08/13	3507.45	-	-	20.89	0.00	3486.56
RW - 6		07/23/13	3507.45	-	-	20.89	0.00	3486.56
RW - 6		07/30/13	3507.45	-	-	20.84	0.00	3486.61
RW - 6		08/05/13	3507.45	-	-	20.84	0.00	3486.61
RW - 6		08/12/13	3507.45	26.02	-	20.80	0.00	3486.65
RW - 6		08/22/13	3507.45	-	-	20.96	0.00	3486.49
RW - 6		08/29/13	3507.45	-	-	21.02	0.00	3486.43
RW - 6		09/05/13	3507.45	-	-	21.01	0.00	3486.44
RW - 6		09/10/13	3507.45	-	-	21.07	0.00	3486.38
RW - 6		09/17/13	3507.45	-	-	21.10	0.00	3486.35

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6		09/24/13	3507.45	-	-	21.07	0.00	3486.38
RW - 6		10/07/13	3507.45	-	-	21.19	0.00	3486.26
RW - 6		11/14/13	-	-	-	23.54	0.00	-
RW - 6		11/20/13	-	28.22	-	23.58	0.00	-
RW - 6		12/12/13	-	-	-	23.51	0.00	-
RW - 6		12/19/13	-	-	-	23.43	0.00	-
RW - 6		01/03/14	-	-	-	23.42	0.00	-
RW - 6		01/09/14	-	-	-	23.46	0.00	-
RW - 6		01/13/14	-	-	-	23.49	0.00	-
RW - 6		01/21/14	-	-	-	23.41	0.00	-
RW - 6		01/24/14	-	-	-	23.49	0.00	-
RW - 6	John Flores	02/04/14	3512.44	28.25	-	23.40	0.00	3489.04
RW - 6		02/10/14	3512.44	-	-	23.42	0.00	3489.02
RW - 6	David F.	02/27/14	3512.44	-	-	23.38	0.00	3489.06
RW - 6	David F.	03/17/14	3512.44	-	-	23.31	0.00	3489.13
RW - 6	David F.	03/27/14	3512.44	-	-	23.29	0.00	3489.15
RW - 6	David & Jose	04/02/14	3512.44	-	-	23.31	0.00	3489.13
RW - 6	Manny & Lira	04/16/14	3512.44	-	-	23.23	0.00	3489.21
RW - 6	Manny & Chanc	04/22/14	3512.44	-	-	23.19	0.00	3489.25
RW - 6	David & Justin	04/28/14	3512.44	-	-	23.24	0.00	3489.20
RW - 6	Manny & Chanc	05/06/14	3512.44	-	-	23.16	0.00	3489.28
RW - 6	Manny	05/13/14	3512.44	-	-	23.20	0.00	3489.24
RW - 6	Jose & Chance	05/14/14	3512.44	27.91	-	23.17	0.00	3489.27
RW - 6	Manny	05/21/14	3512.44	27.91	-	23.16	0.00	3489.28
RW - 6	Manny & Chanc	06/05/14	3512.44	-	-	23.25	0.00	3489.19
RW - 6	Manny	06/11/14	3512.44	-	-	23.31	0.00	3489.13
RW - 6	Manny	06/16/14	3512.44	-	-	23.40	0.00	3489.04
RW - 6	Manny	06/24/14	3512.44	-	-	23.50	0.00	3488.94
RW - 6	Manny	07/01/14	3512.44	-	-	23.57	0.00	3488.87
RW - 6	David	07/08/14	3512.44	-	-	23.63	0.00	3488.81
RW - 6	Manny	07/15/14	3512.44	-	-	23.65	0.00	3488.79
RW - 6	Manny	07/22/14	3512.44	-	-	23.71	0.00	3488.73
RW - 6	Manny	07/23/14	3512.44	-	-	23.71	0.00	3488.73
RW - 6	Manny	07/31/14	3512.44	-	-	23.74	0.00	3488.70
RW - 6	David F.	08/05/14	3512.44	28.32	-	23.76	0.00	3488.68
RW - 6	Manny	08/07/14	3512.44	28.32	-	23.75	0.00	3488.69
RW - 6	Manny	08/15/14	3512.44	-	-	23.79	0.00	3488.65
RW - 6	Manny	08/20/14	3512.44	-	-	23.80	0.00	3488.64
RW - 6	Manny	08/27/14	3512.44	-	-	23.82	0.00	3488.62
RW - 6	Manny	09/24/14	3512.44	-	-	23.06	0.00	3489.38
RW - 6	Manny	10/01/14	3512.44	-	-	22.74	0.00	3489.70
RW - 6	Manny	10/07/14	3512.44	-	-	22.65	0.00	3489.79
RW - 6	Manny	10/20/14	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Manny	10/27/14	3512.44	-	-	22.59	0.00	3489.85
RW - 6	Manny	11/03/14	3512.44	-	-	22.62	0.00	3489.82
RW - 6	Manny	11/11/14	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Manny	11/19/14	3512.44	28.27	-	22.57	0.00	3489.87
RW - 6	Manny	12/08/14	3512.44	28.27	-	22.59	0.00	3489.85
RW - 6	Manny	12/15/14	3512.44	28.27	-	22.62	0.00	3489.82
RW - 6	Manny	12/18/14	3512.44	28.27	-	22.56	0.00	3489.88
RW - 6	Manny	12/22/14	3512.44	28.27	-	22.56	0.00	3489.88
RW - 6	Manny	12/29/14	3512.44	28.27	-	22.62	0.00	3489.82
RW - 6	Manny	01/05/15	3512.44	28.27	-	22.63	0.00	3489.81
RW - 6	Manny	01/12/15	3512.44	-	-	22.65	0.00	3489.79
RW - 6	Manny	01/19/15	3512.44	-	-	22.61	0.00	3489.83
RW - 6	Manny	02/04/15	3512.44	-	-	22.61	0.00	3489.83
RW - 6	Manny	02/09/15	3512.44	28.17	-	22.60	0.00	3489.84
RW - 6	Manny	02/19/15	3512.44	-	-	22.59	0.00	3489.85
RW - 6	Manny/Art	03/03/15	3512.44	-	-	22.57	0.00	3489.87
RW - 6	Manny	03/09/15	3512.44	-	-	22.62	0.00	3489.82
RW - 6	Carlos	03/16/15	3512.44	-	-	22.61	0.00	3489.83

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6	Manny	03/20/15	3512.44	-	-	22.63	0.00	3489.81
RW - 6	Carlos	03/23/15	3512.44	-	-	22.64	0.00	3489.80
RW - 6	Manny/Art	03/30/15	3512.44	-	-	22.61	0.00	3489.83
RW - 6	Manny	04/04/15	3512.44	-	-	22.65	0.00	3489.79
RW - 6	Manny/Art	04/07/15	3512.44	-	-	22.62	0.00	3489.82
RW - 6	Manny/Art	04/14/15	3512.44	-	-	22.62	0.00	3489.82
RW - 6	Carlos/Matt	04/20/15	3512.44	-	-	22.58	0.00	3489.86
RW - 6	Manny/Art	04/27/15	3512.44	-	-	22.59	0.00	3489.85
RW - 6	Carlos	05/07/15	3512.44	-	-	22.57	0.00	3489.87
RW - 6	Carlos	05/11/15	3512.44	-	-	22.55	0.00	3489.89
RW - 6	Carlos	05/21/15	3512.44	-	-	22.56	0.00	3489.88
RW - 6	Manny/Art	05/27/15	3512.44	28.12	-	22.50	0.00	3489.94
RW - 6	Carlos	05/28/15	3512.44	-	-	22.49	0.00	3489.95
RW - 6	Manny	06/03/15	3512.44	-	-	22.48	0.00	3489.96
RW - 6	Manny	06/08/15	3512.44	-	-	22.48	0.00	3489.96
RW - 6	Manny	06/15/15	3512.44	-	-	22.47	0.00	3489.97
RW - 6	Arthur	06/25/15	3512.44	-	-	22.45	0.00	3489.99
RW - 6	Manny/Arthur	06/29/15	3512.44	-	-	22.44	0.00	3490.00
RW - 6	Manny	07/08/15	3512.44	-	-	22.48	0.00	3489.96
RW - 6	Carlos	07/09/15	3512.44	-	-	22.50	0.00	3489.94
RW - 6	Manny	07/14/15	3512.44	-	-	22.52	0.00	3489.92
RW - 6	Arthur	07/20/15	3512.44	-	-	22.59	0.00	3489.85
RW - 6	Manny	07/28/15	3512.44	-	-	22.67	0.00	3489.77
RW - 6	Manny/Arthur	08/03/15	3512.44	28.08	-	22.76	0.00	3489.68
RW - 6	Carlos	08/04/15	3512.44	-	-	22.79	0.00	3489.65
RW - 6	Carlos	08/10/15	3512.44	-	-	22.82	0.00	3489.62
RW - 6	Carlos	08/17/15	3512.44	-	-	22.88	0.00	3489.56
RW - 6	Carlos	08/25/15	3512.44	-	-	22.90	0.00	3489.54
RW - 6	Arthur/Carlos	08/31/15	3512.44	-	-	22.92	0.00	3489.52
RW - 6	Carlos	09/08/15	3512.44	-	-	22.91	0.00	3489.53
RW - 6	Carlos	09/15/15	3512.44	-	-	22.92	0.00	3489.52
RW - 6	Manny	09/24/15	3512.44	-	-	23.01	0.00	3489.43
RW - 6	Manny	09/28/15	3512.44	-	-	23.04	0.00	3489.40
RW - 6	Manny	10/06/15	3512.44	-	-	23.04	0.00	3489.40
RW - 6	Carlos	10/12/15	3512.44	-	-	22.98	0.00	3489.46
RW - 6	Manny	10/26/15	3512.44	-	-	22.86	0.00	3489.58
RW - 6	Manny	11/06/15	3512.44	-	-	22.79	0.00	3489.65
RW - 6	Carlos	11/10/15	3512.44	-	-	22.69	0.00	3489.75
RW - 6	Manny	11/18/15	3512.44	27.84	-	22.64	0.00	3489.80
RW - 6	Carlos	12/02/15	3512.44	-	-	22.68	0.00	3489.76
RW - 6	Carlos	12/07/15	3512.44	-	-	22.63	0.00	3489.81
RW - 6	Carlos	12/14/15	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Carlos	01/05/16	3512.44	-	-	22.57	0.00	3489.87
RW - 6	Manny	01/08/16	3512.44	-	-	22.58	0.00	3489.86
RW - 6	Manny	01/12/16	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Carlos	01/18/16	3512.44	-	-	22.55	0.00	3489.89
RW - 6	Carlos	01/25/16	3512.44	-	-	22.54	0.00	3489.90
RW - 6	Carlos	02/01/16	3512.44	-	-	22.46	0.00	3489.98
RW - 6	Carlos	02/08/16	3512.44	-	-	22.53	0.00	3489.91
RW - 6	Carlos	02/19/16	3512.44	-	-	22.48	0.00	3489.96
RW - 6	Manny	02/23/16	3512.44	27.76	-	22.46	0.00	3489.98
RW - 6	Manny	03/03/16	3512.44	-	-	22.49	0.00	3489.95
RW - 6	Carlos	03/07/16	3512.44	-	-	22.44	0.00	3490.00
RW - 6	Carlos	03/15/16	3512.44	-	-	22.42	0.00	3490.02
RW - 6	Manny	03/21/16	3512.44	-	-	22.45	0.00	3489.99
RW - 6	Carlos	03/28/16	3512.44	-	-	22.42	0.00	3490.02
RW - 6	Carlos	04/05/16	3512.44	-	-	22.32	0.00	3490.12
RW - 6	Manny	04/08/16	3512.44	-	-	22.41	0.00	3490.03
RW - 6	Carlos	04/12/16	3512.44	-	-	22.41	0.00	3490.03
RW - 6	Carlos	04/18/16	3512.44	-	-	22.40	0.00	3490.04
RW - 6	Carlos	04/25/16	3512.44	-	-	22.33	0.00	3490.11

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6	Carlos	05/02/16	3512.44	-	-	22.32	0.00	3490.12
RW - 6	Carlos	05/23/16	3512.44	-	-	22.33	0.00	3490.11
RW - 6	Carlos	06/01/16	3512.44	-	-	22.44	0.00	3490.00
RW - 6	Manny	06/06/16	3512.44	27.99	-	22.39	0.00	3490.05
RW - 6	Carlos	06/28/16	3512.44	-	-	22.56	0.00	3489.88
RW - 6	Manny	07/12/16	3512.44	-	-	22.78	0.00	3489.66
RW - 6	Carlos	07/19/16	3512.44	-	-	22.86	0.00	3489.58
RW - 6	Carlos	07/27/16	3512.44	-	-	22.93	0.00	3489.51
RW - 6	Manny/ Wes	08/03/16	3512.44	28.00	-	22.96	0.00	3489.48
RW - 6	Carlos	08/08/16	3512.44	-	-	22.97	0.00	3489.47
RW - 6	Carlos	08/16/16	3512.44	-	-	23.07	0.00	3489.37
RW - 6	Carlos	08/23/16	3512.44	-	-	23.10	0.00	3489.34
RW - 6	Manny	08/31/16	3512.44	-	-	22.83	0.00	3489.61
RW - 6	Carlos	09/14/16	3512.44	-	-	22.25	0.00	3490.19
RW - 6	Carlos	09/22/16	3512.44	-	-	22.06	0.00	3490.38
RW - 6	Manny	09/27/16	3512.44	-	-	22.25	0.00	3490.19
RW - 6	Wesley	10/07/16	3512.44	-	-	21.92	0.00	3490.52
RW - 6	Manny	10/21/16	3512.44	-	-	21.90	0.00	3490.54
RW - 6	Manny	10/28/16	3512.44	-	-	21.95	0.00	3490.49
RW - 6	Manny	11/04/16	3512.44	-	-	22.02	0.00	3490.42
RW - 6	Manny	11/09/16	3512.44	27.91	-	22.00	0.00	3490.44
RW - 6	Wesley	12/06/16	3512.44	-	-	21.93	0.00	3490.51
RW - 6	Manny	12/15/16	3512.44	-	-	22.26	0.00	3490.18
RW - 6	Manny	12/22/16	3512.44	-	-	22.19	0.00	3490.25
RW - 6	Manny	12/29/16	3512.44	-	-	22.09	0.00	3490.35
RW - 6	Carlos	01/05/17	3512.44	-	-	22.32	0.00	3490.12
RW - 6	Manny	01/11/17	3512.44	-	-	22.28	0.00	3490.16
RW - 6	Carlos	01/18/17	3512.44	-	-	21.99	0.00	3490.45
RW - 6	Manny	01/26/17	3512.44	-	-	22.05	0.00	3490.39
RW - 6	Manny	01/31/17	3512.44	-	-	21.97	0.00	3490.47
RW - 6	Carlos	02/10/17	3512.44	-	-	22.04	0.00	3490.40
RW - 6	Wesley	02/17/17	3512.44	-	-	21.96	0.00	3490.48
RW - 6	Manny	02/24/17	3512.44	-	-	21.99	0.00	3490.45
RW - 6	Manny	03/01/17	3512.44	27.60	-	21.97	0.00	3490.47
RW - 6	Carlos	03/09/17	3512.44	-	-	22.04	0.00	3490.40
RW - 6	Wesley	03/15/17	3512.44	-	-	22.01	0.00	3490.43
RW - 6	Manny	03/22/17	3512.44	-	-	21.94	0.00	3490.50
RW - 6	Carlos	03/29/17	3512.44	-	-	22.18	0.00	3490.26
RW - 6	Manny	04/07/17	3512.44	-	-	22.10	0.00	3490.34
RW - 6	Wesley	04/11/17	3512.44	-	-	21.92	0.00	3490.52
RW - 6	Manny	04/20/17	3512.44	-	-	21.91	0.00	3490.53
RW - 6	Jeremy	05/02/17	3512.44	-	-	21.89	0.00	3490.55
RW - 6	Manny	05/12/17	3512.44	-	-	20.80	0.00	3491.64
RW - 6	Manny	05/12/17	3512.44	-	-	21.89	0.00	3490.55
RW - 6	Jeremy	05/16/17	3512.44	-	-	21.88	0.00	3490.56
RW - 6	Manny	05/23/17	3512.44	27.59	-	21.95	0.00	3490.49
RW - 6	Jeremy	06/05/17	3512.44	-	-	22.03	0.00	3490.41
RW - 6	Manny	06/15/17	3512.44	-	-	22.14	0.00	3490.30
RW - 6	Jeremy	06/28/17	3512.44	-	-	22.28	0.00	3490.16
RW - 6	Jeremy	07/05/17	3512.44	-	-	22.35	0.00	3490.09
RW - 6	Jeremy	07/11/17	3512.44	-	-	22.46	0.00	3489.98
RW - 6	Jeremy	07/17/17	3512.44	-	-	22.41	0.00	3490.03
RW - 6	Jeremy	07/20/17	3512.44	-	-	22.53	0.00	3489.91
RW - 6	Jeremy	08/16/17	3512.44	27.78	-	23.48	0.00	3488.96
RW - 6	Jeremy	09/05/17	3512.44	-	-	22.22	0.00	3490.22
RW - 6	Jeremy	09/13/17	3512.44	-	-	22.24	0.00	3490.20
RW - 6	Jeremy	09/19/17	3512.44	-	-	22.27	0.00	3490.17
RW - 6	Jeremy	09/29/17	3512.44	-	-	22.33	0.00	3490.11
RW - 6	Jeremy	10/05/17	3512.44	-	-	22.35	0.00	3490.09
RW - 6	Jeremy	10/12/17	3512.44	-	-	22.18	0.00	3490.26
RW - 6	Jeremy	10/20/17	3512.44	-	-	22.19	0.00	3490.25

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6	Jeremy	10/24/17	3512.44	-	-	22.18	0.00	3490.26
RW - 6	Jeremy	11/02/17	3512.44	-	-	22.19	0.00	3490.25
RW - 6	Manny/ Jeremy	11/14/17	3512.44	27.80	-	22.15	0.00	3490.29
RW - 6	Jeremy	12/20/17	3512.44	-	-	22.03	0.00	3490.41
RW - 6	Jeremy	12/28/17	3512.44	-	-	22.13	0.00	3490.31
RW - 6	Jeremy	01/03/18	3512.44	-	-	22.01	0.00	3490.43
RW - 6	Jeremy	01/09/18	3512.44	-	-	21.98	0.00	3490.46
RW - 6	Jeremy	01/19/18	3512.44	-	-	21.98	0.00	3490.46
RW - 6	Jeremy	01/24/18	3512.44	-	-	22.03	0.00	3490.41
RW - 6	Jeremy	02/07/18	3512.44	27.85	-	22.02	0.00	3490.42
RW - 6	Jeremy	02/12/18	3512.44	-	-	21.97	0.00	3490.47
RW - 6	Jeremy	02/22/18	3512.44	-	-	21.98	0.00	3490.46
RW - 6	Jeremy	03/02/18	3512.44	-	-	21.96	0.00	3490.48
RW - 6	Jeremy	03/07/18	3512.44	-	-	21.97	0.00	3490.47
RW - 6	Jeremy	03/01/18	3512.44	-	-	21.98	0.00	3490.46
RW - 6	Jeremy	03/19/18	3512.44	-	-	21.98	0.00	3490.46
RW - 6	Jeremy	03/29/18	3512.44	-	-	21.96	0.00	3490.48
RW - 6	Jeremy	04/02/18	3512.44	-	-	21.91	0.00	3490.53
RW - 6	Jeremy	04/11/18	3512.44	-	-	21.91	0.00	3490.53
RW - 6	Jeremy	04/16/18	3512.44	-	-	21.91	0.00	3490.53
RW - 6	Jeremy	04/25/18	3512.44	-	-	21.96	0.00	3490.48
RW - 6	Jeremy	05/01/18	3512.44	-	-	21.93	0.00	3490.51
RW - 6	Jeremy	05/08/18	3512.44	-	-	21.94	0.00	3490.50
RW - 6	Jeremy	05/22/18	3512.44	27.82	-	22.17	0.00	3490.27
RW - 6	Jeremy	05/31/18	3512.44	-	-	22.24	0.00	3490.20
RW - 6	Jeremy	06/06/18	3512.44	-	-	22.47	0.00	3489.97
RW - 6	Jeremy	06/13/18	3512.44	-	-	21.38	0.00	3491.06
RW - 6	Jeremy	06/18/18	3512.44	-	-	22.42	0.00	3490.02
RW - 6	Jeremy	06/25/18	3512.44	-	-	22.46	0.00	3489.98
RW - 6	Jeremy	07/02/18	3512.44	-	-	22.49	0.00	3489.95
RW - 6	Jeremy	07/11/18	3512.44	-	-	22.63	0.00	3489.81
RW - 6	Jeremy	07/19/18	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Jeremy	07/27/18	3512.44	-	-	22.67	0.00	3489.77
RW - 6	Jeremy/ Wesley	08/08/18	3512.44	28.04	-	22.75	0.00	3489.69
RW - 6	Jeremy	08/30/18	3512.44	28.04	-	22.84	0.00	3489.60
RW - 6	Jeremy	09/12/18	3512.44	28.04	-	22.84	0.00	3489.60
RW - 6	Jeremy	09/20/18	3512.44	28.04	-	22.77	0.00	3489.67
RW - 6	Jeremy	09/26/18	3512.44	28.04	-	22.78	0.00	3489.66
RW - 6	Jeremy	10/03/18	3512.44	28.04	-	22.73	0.00	3489.71
RW - 6	Jeremy	10/19/18	3512.44	28.04	-	22.74	0.00	3489.70
RW - 6	Jeremy	10/31/18	3512.44	28.04	-	22.62	0.00	3489.82
RW - 6	Jeremy	11/06/18	3512.44	28.04	-	22.60	0.00	3489.84
RW - 6	Jeremy	11/13/18	3512.44	28.07	-	22.78	0.00	3489.66
RW - 6	Jeremy	12/03/18	3512.44	28.07	-	22.51	0.00	3489.93
RW - 6	Manny/Elias	12/19/18	3512.44	-	-	22.46	0.00	3489.98
RW - 6	Jeremy	12/27/18	3512.44	-	-	22.39	0.00	3490.05
RW - 6	Jeremy	01/03/19	3512.44	-	-	22.38	0.00	3490.06
RW - 6	Jeremy	01/09/19	3512.44	-	-	22.32	0.00	3490.12
RW - 6	Jeremy	01/16/19	3512.44	-	-	22.39	0.00	3490.05
RW - 6	Jeremy	02/06/19	3512.44	-	-	22.40	0.00	3490.04
RW - 6	Jeremy	02/12/19	3512.44	28.07	-	22.38	0.00	3490.06
RW - 6	Jeremy	02/28/19	3512.44	-	-	22.43	0.00	3490.01
RW - 6	Jeremy	03/06/19	3512.44	-	-	22.33	0.00	3490.11
RW - 6	Elias	03/12/19	3512.44	-	-	22.36	0.00	3490.08
RW - 6	Elias	03/19/19	3512.44	-	-	22.37	0.00	3490.07
RW - 6	Elias	03/28/19	3512.44	-	-	22.26	0.00	3490.18
RW - 6	Elias	04/01/19	3512.44	-	-	22.36	0.00	3490.08
RW - 6	Elias	04/10/19	3512.44	-	-	22.30	0.00	3490.14
RW - 6	Elias	04/17/19	3512.44	-	-	22.25	0.00	3490.19
RW - 6	Elias	04/24/19	3512.44	-	-	22.23	0.00	3490.21
RW - 6	Elias	05/01/19	3512.44	-	-	22.20	0.00	3490.24

TABLE 4

HISTORICAL GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97- 17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

Well ID	Field Tech	Measurement Date	Top-of-Casing Elevation (Feet)	Total Depth of Well (Feet BTOC)	Depth to Product (Feet BTOC)	Depth to Groundwater (Feet BTOC)	PSH Thickness (Feet)	Corrected Groundwater Elevation (Feet)
RW - 6	Elias	05/08/19	3512.44	28.10	-	22.32	0.00	3490.12
RW - 6	Elias	06/14/19	3512.44	-	-	22.60	0.00	3489.84
RW - 6	Elias	07/11/19	3512.44	-	-	22.64	0.00	3489.80
RW - 6	Elias	08/08/19	3512.44	27.92	-	22.89	0.00	3489.55
RW - 6	Elias	09/05/19	3512.44	-	-	-	0.00	-
RW - 6	Elias	09/12/19	3512.44	-	-	23.02	0.00	3489.42
RW - 6	Elias	09/17/19	3512.44	-	-	23.01	0.00	3489.43
RW - 6	Elias	09/23/19	3512.44	-	-	-	-	-
RW - 6	Elias	10/15/19	3512.44	-	-	22.89	0.00	3489.55
RW - 6	Elias	11/06/19	3512.44	28.17	-	22.85	0.00	3489.59
RW - 6	Elias	11/13/19	3512.44	28.15	-	22.76	0.00	3489.68
RW - 6	Elias	12/17/19	3512.44	-	-	22.55	0.00	3489.89
RW - 6	Elias	01/06/20	3512.44	-	-	22.50	0.00	3489.94
RW - 6	Elias	01/23/20	3512.44	-	-	22.50	0.00	3489.94
RW - 6	Elias	01/29/20	3512.44	-	-	22.45	0.00	3489.99
RW - 6	Elias	03/05/20	3512.44	28.19	-	22.47	0.00	3489.97
RW - 6	Manny	05/14/20	3512.44	-	-	22.15	0.00	3490.29
RW - 6	Manny	05/21/20	3512.44	-	-	22.19	0.00	3490.25
RW - 6	Manny	06/18/20	3512.44	27.96	-	22.53	0.00	3489.91
RW - 6	Manny	07/01/20	3512.44	-	-	22.71	0.00	3489.73
RW - 6	Manny	07/21/20	3512.44	-	-	22.85	0.00	3489.59
RW - 6	Manny	08/13/20	3512.44	27.94	-	22.97	0.00	3489.47
RW - 6	Manny	09/14/20	3512.44	-	-	23.08	0.00	3489.36
RW - 6	Manny	12/10/20	3512.44	28.05	-	23.22	0.00	3489.22
RW - 6	Manny	01/13/21	3512.44	-	-	23.17	0.00	3489.27
RW - 6	Manny	02/11/21	3512.44	28.09	-	23.15	0.00	3489.29
RW - 6	Manny	04/21/21	3512.44	-	-	23.06	0.00	3489.38
RW - 6	Manny	06/11/21	3512.44	28.09	-	23.09	0.00	3489.35
RW - 6	Manny	07/31/21	3512.44	-	-	23.08	0.00	3489.36
RW - 6	Manny	08/31/21	3512.44	-	-	23.27	0.00	3489.17
RW - 6	Manny	09/23/21	3512.44	28.10	-	23.29	0.00	3489.15
RW - 6	Manny	10/14/21	3512.44	-	-	23.33	0.00	3489.11
RW - 6	Manny	10/28/21	3512.44	-	-	23.39	0.00	3489.05
RW - 6	Manny	12/06/21	3512.44	28.10	-	23.48	0.00	3488.96
RW - 6	Manny	03/16/22	3512.44	27.98	-	23.36	0.00	3489.08
RW - 6	Manny	04/20/22	3512.44	-	-	23.33	0.00	3489.11
RW - 6	Manny	05/11/22	3512.44	28.21	-	23.44	0.00	3489.00
RW - 6	Manny	08/16/22	3512.44	28.02	-	23.77	0.00	3488.67
RW - 6	Manny	11/11/22	3512.44	28.20	-	23.66	0.00	3488.78
RW - 6	Manny	03/01/23	3512.44	28.09	-	23.30	0.00	3489.14
RW - 6	Manny	05/11/23	3512.44	28.15	-	23.21	0.00	3489.23
RW - 6	Manny	08/17/23	3512.44	28.09	-	23.79	0.00	3488.65
RW - 6	Manny	12/14/23	3512.44	28.11	-	23.58	0.00	3488.86
RW - 6	Manny	02/26/24	3512.44	28.03	-	23.33	0.00	3489.11
RW - 6	Manny	06/17/24	3512.44	28.05	-	23.63	0.00	3488.81
RW - 6	Manny	09/23/24	3512.44	28.02	-	24.10	0.00	3488.34
RW - 6	Manny	12/09/24	3512.44	28.06	-	23.97	0.00	3488.47

Notes:
1. BTOC = Below Top-of-Casing.
2. '- = No gauging data collected on corresponding date.
3. Dry = No fluid gauged for corresponding well.
4. P&A = Plugged and Abandoned.
5. Elevations of the potentiometric surface were calculated using a PSH specific gravity of 0.85 gram/cubic centimenter (g/cc).
6. Elevations based on the North American Vertical Datum of 1929.
7. 2014 resurvey elevations based on the North American Vertical Datum of 1988.

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 1	11/05/99	<0.001	<0.001	0.0040	<0.001
MW - 1	03/03/00	<0.001	<0.001	<0.001	<0.001
MW - 1	04/11/00	<0.001	0.001	<0.001	<0.001
MW - 1	09/01/00	<0.001	<0.001	<0.001	<0.001
MW - 1	11/21/00	<0.001	<0.001	<0.001	<0.001
MW - 1	02/22/01	<0.001	<0.001	<0.001	<0.001
MW - 1	05/17/01	<0.001	<0.001	<0.001	<0.001
MW - 1	08/08/01	<0.001	<0.001	<0.001	<0.001
MW - 1	10/24/01	<0.001	<0.001	<0.001	<0.001
MW - 1	03/27/02	<0.001	<0.001	<0.001	<0.001
MW - 1	05/14/02	<0.001	<0.001	<0.001	<0.001
MW - 1	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 1	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 1	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 1	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 1	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 1	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 1	12/02/04	<0.005	<0.005	<0.005	<0.005
MW - 1	3/8/2005	<0.001	<0.001	<0.001	<0.001
MW - 1	06/08/05	NS	-	-	-
MW - 1	09/16/05	NS	-	-	-
MW - 1	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 1	03/16/06	NS	-	-	-
MW - 1	06/15/06	NS	-	-	-
MW - 1	09/30/06	NS	-	-	-
MW - 1	12/01/06	<0.01	<0.01	<0.01	<0.01
MW - 1	02/27/07	NS	-	-	-
MW - 1	05/22/07	NS	-	-	-
MW - 1	08/15/07	NS	-	-	-
MW - 1	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 1	02/12/08	NS	-	-	-
MW - 1	05/13/08	NS	-	-	-
MW - 1	08/14/08	NS	-	-	-
MW - 1	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 1	02/10/09	NS	-	-	-
MW - 1	05/12/09	NS	-	-	-
MW - 1	08/10/09	NS	-	-	-
MW - 1	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 1	02/09/10	NS	-	-	-
MW - 1	05/12/10	NS	-	-	-
MW - 1	08/11/10	NS	-	-	-
MW - 1	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 1	02/16/11	NS	-	-	-
MW - 1	05/19/11	NS	-	-	-
MW - 1	08/10/11	NS	-	-	-
MW - 1	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 1	02/29/12	NS	-	-	-
MW - 1	05/02/12	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 1	08/10/12	NS	-	-	-
MW - 1	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 1	02/13/13	NS	-	-	-
MW - 1	05/22/13	NS	-	-	-
MW - 1	08/13/13	NS	-	-	-
MW - 1	11/21/13	<0.00100	<0.001	<0.001	<0.00300
MW - 1	02/04/14	NS	-	-	-
MW - 1	05/14/14	NS	-	-	-
MW - 1	08/05/14	NS	-	-	-
MW - 1	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/09/15	NS	-	-	-
MW - 1	05/27/15	NS	-	-	-
MW - 1	08/03/15	NS	-	-	-
MW - 1	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	02/24/16	NS	-	-	-
MW - 1	06/07/16	NS	-	-	-
MW - 1	08/02/16	NS	-	-	-
MW - 1	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 1	03/01/17	NS	-	-	-
MW - 1	05/23/17	NS	-	-	-
MW - 1	08/17/17	NS	-	-	-
MW - 1	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 1	02/08/18	NS	-	-	-
MW - 1	05/22/18	NS	-	-	-
MW - 1	08/08/18	NS	-	-	-
MW - 1	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 1	02/12/19	NS	-	-	-
MW - 1	05/07/19	NS	-	-	-
MW - 1	08/07/19	NS	-	-	-
MW - 1	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/04/20	NS	-	-	-
MW - 1	06/17/20	NS	-	-	-
MW - 1	08/12/20	NS	-	-	-
MW - 1	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	02/10/21	NS	-	-	-
MW - 1	06/09/21	NS	-	-	-
MW - 1	09/23/21	NS	-	-	-
MW - 1	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/16/22	NS	-	-	-
MW - 1	05/09/22	NS	-	-	-
MW - 1	08/16/22	NS	-	-	-
MW - 1	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 1	03/02/23	NS	-	-	-
MW - 1	05/11/23	NS	-	-	-
MW - 1	08/16/23	NS	-	-	-
MW - 1	02/27/24	NS	-	-	-
MW - 1	06/17/24	NS	-	-	-
MW - 1	09/23/24	NS	-	-	-
MW - 1	12/09/24	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 2	11/05/99	<0.001	<0.001	<0.001	<0.001
MW - 2	03/03/00	<0.001	<0.001	<0.001	<0.001
MW - 2	04/11/00	<0.001	<0.001	<0.001	<0.001
MW - 2	09/01/00	<0.001	<0.001	<0.001	<0.001
MW - 2	11/21/00	<0.001	<0.001	<0.001	<0.001
MW - 2	02/22/01	<0.001	<0.001	<0.001	<0.001
MW - 2	05/17/01	<0.005	<0.005	<0.005	<0.005
MW - 2	08/08/01	<0.001	<0.001	<0.001	<0.001
MW - 2	10/24/01	<0.001	<0.001	<0.001	<0.001
MW - 2	03/27/02	<0.001	<0.001	<0.001	<0.001
MW - 2	05/14/02	<0.001	<0.001	<0.001	<0.001
MW - 2	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 2	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 2	02/11/03	<0.001	<0.001	<0.001	<0.001
MW - 2	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 2	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 2	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 2	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 2	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 2	3/8/2005	NS	-	-	-
MW - 2	06/08/05	NS	-	-	-
MW - 2	09/16/05	NS	-	-	-
MW - 2	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 2	03/16/06	NS	-	-	-
MW - 2	06/15/06	NS	-	-	-
MW - 2	09/30/06	NS	-	-	-
MW - 2	12/01/06	<0.02	<0.02	<0.02	<0.02
MW - 2	02/27/07	NS	-	-	-
MW - 2	05/22/07	NS	-	-	-
MW - 2	08/15/07	NS	-	-	-
MW - 2	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 2	02/12/08	NS	-	-	-
MW - 2	05/13/08	NS	-	-	-
MW - 2	08/14/08	NS	-	-	-
MW - 2	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 2	02/10/09	NS	-	-	-
MW - 2	05/12/09	NS	-	-	-
MW - 2	08/10/09	NS	-	-	-
MW - 2	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 2	02/09/10	NS	-	-	-
MW - 2	05/12/10	NS	-	-	-
MW - 2	08/11/10	NS	-	-	-
MW - 2	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 2	02/16/11	NS	-	-	-
MW - 2	05/19/11	NS	-	-	-
MW - 2	08/10/11	NS	-	-	-
MW - 2	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 2	02/29/12	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 2	05/02/12	NS	-	-	-
MW - 2	08/10/12	NS	-	-	-
MW - 2	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 2	02/13/13	NS	-	-	-
MW - 2	05/22/13	NS	-	-	-
MW - 2	08/13/13	NS	-	-	-
MW - 2	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 2	02/04/14	NS	-	-	-
MW - 2	05/14/14	NS	-	-	-
MW - 2	08/05/14	NS	-	-	-
MW - 2	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 2	02/09/15	NS	-	-	-
MW - 2	05/27/15	NS	-	-	-
MW - 2	08/03/15	NS	-	-	-
MW - 2	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 2	02/24/16	NS	-	-	-
MW - 2	06/07/16	NS	-	-	-
MW - 2	08/02/16	NS	-	-	-
MW - 2	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 2	03/01/17	NS	-	-	-
MW - 2	05/23/17	NS	-	-	-
MW - 2	08/17/17	NS	-	-	-
MW - 2	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 2	02/08/18	NS	-	-	-
MW - 2	05/22/18	NS	-	-	-
MW - 2	08/08/18	NS	-	-	-
MW - 2	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 2	02/12/19	NS	-	-	-
MW - 2	05/07/19	NS	-	-	-
MW - 2	08/07/19	NS	-	-	-
MW - 2	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	03/04/20	NS	-	-	-
MW - 2	06/17/20	NS	-	-	-
MW - 2	08/12/20	NS	-	-	-
MW - 2	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	02/10/21	NS	-	-	-
MW - 2	06/09/21	NS	-	-	-
MW - 2	09/23/21	NS	-	-	-
MW - 2	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	03/16/22	NS	-	-	-
MW - 2	05/09/22	NS	-	-	-
MW - 2	08/16/22	NS	-	-	-
MW - 2	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	03/02/23	NS	-	-	-
MW - 2	05/11/23	NS	-	-	-
MW - 2	08/16/23	NS	-	-	-
MW - 2	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 2	02/27/24	NS	-	-	-
MW - 2	06/17/24	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 2	09/23/24	NS	-	-	-
MW - 2	12/09/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	11/05/99	<0.001	<0.001	<0.001	<0.001
MW - 3	03/03/00	<0.001	<0.001	<0.001	<0.001
MW - 3	04/11/00	<0.001	<0.001	<0.001	<0.001
MW - 3	09/01/00	<0.001	<0.001	<0.001	<0.001
MW - 3	11/21/00	<0.001	<0.001	<0.001	<0.001
MW - 3	02/22/01	<0.001	<0.001	<0.001	<0.001
MW - 3	05/17/01	<0.001	<0.001	<0.001	<0.001
MW - 3	08/08/01	<0.001	<0.001	<0.001	<0.001
MW - 3	10/24/01	<0.001	<0.001	<0.001	<0.001
MW - 3	03/27/02	<0.001	<0.001	<0.001	<0.001
MW - 3	05/14/02	<0.001	<0.001	<0.001	<0.001
MW - 3	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 3	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 3	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 3	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 3	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 3	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 3	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 3	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 3	3/8/2005	NS	-	-	-
MW - 3	06/08/05	NS	-	-	-
MW - 3	09/16/05	NS	-	-	-
MW - 3	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 3	03/16/06	NS	-	-	-
MW - 3	06/15/06	NS	-	-	-
MW - 3	09/30/06	NS	-	-	-
MW - 3	12/01/06	<0.02	<0.02	<0.02	0.0466
MW - 3	02/27/07	NS	-	-	-
MW - 3	05/22/07	NS	-	-	-
MW - 3	08/15/07	NS	-	-	-
MW - 3	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 3	02/12/08	NS	-	-	-
MW - 3	05/13/08	NS	-	-	-
MW - 3	08/14/08	NS	-	-	-
MW - 3	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 3	02/10/09	NS	-	-	-
MW - 3	05/12/09	NS	-	-	-
MW - 3	08/10/09	NS	-	-	-
MW - 3	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 3	02/09/10	NS	-	-	-
MW - 3	05/12/10	NS	-	-	-
MW - 3	08/11/10	NS	-	-	-
MW - 3	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 3	02/16/11	NS	-	-	-
MW - 3	05/19/11	NS	-	-	-
MW - 3	08/10/11	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 3	02/29/12	NS	-	-	-
MW - 3	05/02/12	NS	-	-	-
MW - 3	08/10/12	NS	-	-	-
MW - 3	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 3	02/13/13	NS	-	-	-
MW - 3	05/22/13	NS	-	-	-
MW - 3	08/13/13	NS	-	-	-
MW - 3	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 3	02/04/14	NS	-	-	-
MW - 3	05/14/14	NS	-	-	-
MW - 3	08/05/14	NS	-	-	-
MW - 3	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 3	02/09/15	NS	-	-	-
MW - 3	05/27/15	NS	-	-	-
MW - 3	08/03/15	NS	-	-	-
MW - 3	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 3	02/24/16	NS	-	-	-
MW - 3	06/07/16	NS	-	-	-
MW - 3	08/02/16	NS	-	-	-
MW - 3	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 3	03/01/17	NS	-	-	-
MW - 3	05/23/17	NS	-	-	-
MW - 3	08/17/17	NS	-	-	-
MW - 3	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 3	02/08/18	NS	-	-	-
MW - 3	05/22/18	NS	-	-	-
MW - 3	08/08/18	NS	-	-	-
MW - 3	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 3	02/12/19	NS	-	-	-
MW - 3	05/07/19	NS	-	-	-
MW - 3	08/07/19	NS	-	-	-
MW - 3	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	03/04/20	NS	-	-	-
MW - 3	06/17/20	NS	-	-	-
MW - 3	08/12/20	NS	-	-	-
MW - 3	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	02/10/21	NS	-	-	-
MW - 3	06/09/21	NS	-	-	-
MW - 3	09/23/21	NS	-	-	-
MW - 3	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	03/16/22	NS	-	-	-
MW - 3	05/09/22	NS	-	-	-
MW - 3	08/16/22	NS	-	-	-
MW - 3	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 3	03/02/23	NS	-	-	-
MW - 3	05/11/23	NS	-	-	-
MW - 3	08/16/23	NS	-	-	-
MW - 3	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 3	02/27/24	NS	-	-	-
MW - 3	06/17/24	NS	-	-	-
MW - 3	09/23/24	NS	-	-	-
MW - 3	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 4	3/8/2005	PSH	-	-	-
MW - 4	06/08/05	PSH	-	-	-
MW - 4	09/16/05	PSH	-	-	-
MW - 4	12/12/05	PSH	-	-	-
MW - 4	03/16/06	PSH	-	-	-
MW - 4	06/15/06	PSH	-	-	-
MW - 4	09/30/06	PSH	-	-	-
MW - 4	12/01/06	PSH	-	-	-
MW - 4	02/27/07	PSH	-	-	-
MW - 4	05/22/07	PSH	-	-	-
MW - 4	08/15/07	PSH	-	-	-
MW - 4	11/06/07	PSH	-	-	-
MW - 4	02/12/08	PSH	-	-	-
MW - 4	05/13/08	PSH	-	-	-
MW - 4	08/14/08	PSH	-	-	-
MW - 4	11/12/08	**0.8060**	0.515	0.4430	0.4920
MW - 4	02/10/09	PSH	-	-	-
MW - 4	05/12/09	PSH	-	-	-
MW - 4	08/10/09	PSH	-	-	-
MW - 4	11/18/09	**1.540**	0.202	0.5050	0.5240
MW - 4	02/09/10	PSH	-	-	-
MW - 4	05/12/10	PSH	-	-	-
MW - 4	08/11/10	PSH	-	-	-
MW - 4	11/11/10	PSH	-	-	-
MW - 4	02/16/11	PSH	-	-	-
MW - 4	05/19/11	PSH	-	-	-
MW - 4	08/10/11	PSH	-	-	-
MW - 4	11/16/11	PSH	-	-	-
MW - 4	02/29/12	PSH	-	-	-
MW - 4	05/02/12	PSH	-	-	-
MW - 4	08/10/12	PSH	-	-	-
MW - 4	12/07/12	PSH	-	-	-
MW - 4	02/13/13	PSH	-	-	-
MW - 4	05/22/13	PSH	-	-	-
MW - 4	08/13/13	PSH	-	-	-
MW - 4	11/21/13	PSH	-	-	-
MW - 4	02/04/14	PSH	-	-	-
MW - 4	05/14/14	PSH	-	-	-
MW - 4	08/05/14	PSH	-	-	-
MW - 4	11/19/14	PSH	-	-	-
MW - 4	02/09/15	PSH	-	-	-
MW - 4	05/27/15	**1.19**	<0.0500	0.184	0.113
MW - 4	08/03/15	**1.77**	0.0600	0.218	0.132
MW - 4	11/19/15	**0.606**	<0.0500	0.0869	<0.0500

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 4	02/24/16	**1.02**	<0.0500	0.371	0.329
MW - 4	06/07/16	**1.11**	<0.0500	0.259	0.0921
MW - 4	08/03/16	**0.447**	<0.0500	0.346	0.111
MW - 4	12/02/16	**0.334**	<0.0500	0.085	<0.0500
MW - 4	03/01/17	**1.53**	<0.100	0.394	0.380
MW - 4	05/23/17	**0.399**	0.00375	0.124	0.0593
MW - 4	08/17/17	**1.90**	0.332	0.364	**0.809**
MW - 4	11/14/17	**1.60**	0.00288	0.0627	0.0379
MW - 4	02/08/18	**1.49**	<0.0400	0.0448	0.1218
MW - 4	05/22/18	**0.480**	<0.0500	0.0344	<0.100
MW - 4	08/08/18	**0.400**	<0.0100	0.0322	0.0440
MW - 4	11/13/18	**0.346**	<0.0100	0.0248	0.0337
MW - 4	02/13/19	**0.761**	<0.00500	0.0120	0.0158
MW - 4	05/08/19	**0.906**	<0.00500	0.0180	<0.0100
MW - 4	08/08/19	**0.672**	0.00610	0.0389	0.08545
MW - 4	11/13/19	**0.305**	<0.00100	0.0340	0.0567
MW - 4	03/05/20	**1.18**	0.0853	0.146	0.421
MW - 4	06/18/20	**0.530**	0.0624	0.0990	0.3546
MW - 4	08/13/20	**0.566**	0.00960	0.0306	0.06275
MW - 4	12/10/20	**0.916**	0.0390	0.0791	0.1303
MW - 4	02/11/21	**0.865**	0.0110	0.0226	0.0456
MW - 4	06/11/21	**1.86**	0.00625	0.0148	0.0395
MW - 4	09/23/21	PSH	-	-	-
MW - 4	12/06/21	**3.28**	0.00835	0.0173	0.0610
MW - 4	03/16/22	**1.85**	0.0101	0.0288	0.0815
MW - 4	05/11/22	**2.44**	0.0201	0.0469	0.1578
MW - 4	08/18/22	**1.63**	0.00615	0.0123	0.03620
MW - 4	11/11/22	**1.46**	0.00242	0.0167	0.03739
MW - 4	03/02/23	PSH	-	-	-
MW - 4	05/11/23	**6.98**	0.0880	0.138	0.3732
MW - 4	08/18/23	**1.62**	0.00810	0.0175	0.06950
MW - 4	12/15/23	**1.62**	0.00895	0.0190	0.0693
MW - 4	02/27/24	**1.29**	0.00950	0.0203	0.0502
MW - 4	06/19/24	**1.05**	0.0107	0.0265	0.09262
MW - 4	09/24/24	**2.84**	0.0308	0.0651	0.1187
MW - 4	12/11/24	**1.86**	0.00526	0.0600	0.0954
MW - 5	02/12/03	**0.0170**	<0.001	0.0860	0.0270
MW - 5	05/14/03	**0.0550**	<0.001	0.0200	0.0460
MW - 5	08/21/03	**0.0180**	<0.001	0.0090	0.0100
MW - 5	12/10/03	**0.0140**	<0.001	0.0170	0.0050
MW - 5	02/11/04	**0.0310**	<0.001	0.0520	0.0290
MW - 5	05/11/04	0.0011	<0.001	<0.001	<0.002
MW - 5	08/24/04	**0.0433**	<0.001	0.0987	0.0709
MW - 5	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 5	3/8/2005	**0.0157**	<0.005	0.0071	<0.005
MW - 5	06/08/05	**0.0113**	<0.01	<0.01	<0.01
MW - 5	09/16/05	0.0052	<0.001	<0.001	0.0027
MW - 5	12/12/05	0.0093	<0.001	<0.001	0.0030

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	03/16/06	**0.0161**	<0.005	0.0096	<0.005
MW - 5	06/15/06	0.0077	<0.005	<0.005	<0.005
MW - 5	09/30/06	<0.001	<0.001	0.0090	0.0097
MW - 5	12/01/06	**0.3580**	<0.01	0.1300	<0.01
MW - 5	02/27/07	<0.02	<0.02	<0.02	<0.02
MW - 5	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 5	08/15/07	<0.1	<0.1	<0.1	<0.1
MW - 5	11/06/07	0.0052	<0.001	<0.001	<0.001
MW - 5	02/12/08	**0.0210**	0.0012	0.0077	0.0082
MW - 5	05/13/08	**0.0126**	<0.001	<0.001	0.0012
MW - 5	08/14/08	PSH	-	-	-
MW - 5	11/12/08	0.0074	<0.001	<0.001	0.0033
MW - 5	02/10/09	<0.005	<0.005	<0.005	<0.005
MW - 5	05/12/09	**0.0126**	<0.001	<0.001	<0.001
MW - 5	08/10/09	**0.1190**	<0.001	<0.001	0.0286
MW - 5	11/18/09	**0.1320**	<0.001	0.0045	0.0222
MW - 5	02/09/10	**0.0696**	<0.001	0.0058	0.0138
MW - 5	05/12/10	**0.0173**	<0.001	0.0051	<0.001
MW - 5	08/11/10	<0.100	<0.100	<0.100	<0.100
MW - 5	11/11/10	<0.005	<0.005	<0.005	<0.005
MW - 5	02/16/11	**0.0477**	<0.001	0.0166	0.0402
MW - 5	05/19/11	**0.0429**	<0.001	<0.001	<0.001
MW - 5	08/10/11	**0.0722**	<0.001	0.0078	0.0136
MW - 5	11/16/11	**0.1030**	<0.001	0.0135	0.0135
MW - 5	02/29/12	**0.1040**	<0.001	0.0404	0.0422
MW - 5	05/02/12	**0.0804**	<0.001	0.0206	0.0259
MW - 5	08/10/12	PSH	-	-	-
MW - 5	12/06/12	**0.0295**	<0.001	<0.001	<0.001
MW - 5	02/13/13	**0.0946**	<0.005	<0.005	<0.005
MW - 5	05/22/13	**0.0476**	<0.00500	<0.005	<0.005
MW - 5	08/13/13	**0.0416**	<0.00500	<0.00500	<0.005
MW - 5	11/21/13	**0.0532**	<0.00100	0.00660	<0.00300
MW - 5	02/04/14	**0.104**	<0.0500	<0.0500	<0.150
MW - 5	05/14/14	**0.0415**	<0.00100	0.00950	<0.00300
MW - 5	08/05/14	**0.1080**	<0.00100	0.01720	0.0043
MW - 5	11/20/14	**0.2130**	<0.0500	<0.0500	<0.0500
MW - 5	02/09/15	**0.0746**	<0.0500	<0.0500	<0.0500
MW - 5	05/27/15	<0.0500	<0.0500	<0.0500	<0.0500
MW - 5	08/03/15	0.00700	<0.00100	0.00110	0.00120
MW - 5	11/18/15	**0.0724**	<0.00100	0.0101	0.00550
MW - 5	02/24/16	0.00650	<0.00100	0.00340	0.00450
MW - 5	06/07/16	**0.01720**	<0.00100	0.00200	0.00240
MW - 5	08/03/16	**0.0251**	<0.00500	<0.00500	<0.00500
MW - 5	11/08/16	0.00620	<0.00500	<0.00500	<0.00500
MW - 5	03/01/17	0.00427	<0.00200	<0.00200	0.00401
MW - 5	05/23/17	**0.0147**	<0.00200	<0.00200	0.00370
MW - 5	08/17/17	**0.0189**	<0.00200	<0.00200	<0.00400
MW - 5	11/14/17	0.00774	<0.00200	<0.00200	<0.00400
MW - 5	02/08/18	0.00414	<0.00200	<0.00200	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 5	05/21/18	0.00461	<0.0100	<0.00500	<0.0200
MW - 5	08/08/18	0.00904	<0.0100	<0.00500	<0.0200
MW - 5	11/13/18	0.0219	<0.0100	<0.00500	<0.0200
MW - 5	02/13/19	0.00276	<0.00100	<0.00100	<0.00200
MW - 5	05/08/19	0.00359	<0.00100	<0.00100	<0.00200
MW - 5	08/08/19	0.00864	<0.00100	<0.00100	<0.00200
MW - 5	11/13/19	0.00751	<0.00100	<0.00100	<0.00200
MW - 5	03/04/20	0.00664	<0.00100	0.00179	0.00442
MW - 5	06/18/20	0.00376	<0.00500	<0.00500	0.01489
MW - 5	08/13/20	0.00916	0.00144	0.00538	0.01000
MW - 5	12/09/20	0.0108	0.00164	<0.00100	0.00375
MW - 5	02/11/21	**0.0318**	0.00192	0.00369	<0.00200
MW - 5	06/11/21	**0.0278**	0.00204	0.00384	0.00965
MW - 5	09/23/21	**0.0109**	<0.00100	0.00210	<0.00200
MW - 5	12/07/21	0.00337	0.00105	<0.00100	<0.00200
MW - 5	03/15/22	0.00748	0.00126	<0.00100	<0.00200
MW - 5	05/10/22	0.00451	<0.00100	<0.00100	<0.00200
MW - 5	08/17/22	0.00212	0.00125	<0.00100	<0.00200
MW - 5	11/09/22	0.00224	<0.00100	<0.00100	<0.00200
MW - 5	02/28/23	0.00478	0.00108	0.00134	0.00101
MW - 5	05/11/23	0.00463	0.00146	0.00125	<0.00200
MW - 5	08/17/23	0.00174	0.00137	<0.00100	<0.00200
MW - 5	12/14/23	0.00194	<0.00100	<0.00100	<0.00200
MW - 5	02/28/24	0.00379	<0.00100	<0.00100	<0.00200
MW - 5	06/18/24	0.00423	<0.00100	<0.00100	<0.00200
MW - 5	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 5	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 6	12/03/04	**0.0334**	<0.0100	0.0310	0.0243
MW - 6	03/08/05	**0.0260**	<0.01	0.0414	0.0315
MW - 6	06/08/05	<0.005	<0.005	<0.005	<0.005
MW - 6	09/16/05	PSH	-	-	-
MW - 6	12/12/05	PSH	-	-	-
MW - 6	03/16/06	PSH	-	-	-
MW - 6	06/15/06	PSH	-	-	-
MW - 6	09/30/06	PSH	-	-	-
MW - 6	12/01/06	PSH	-	-	-
MW - 6	02/27/07	PSH	-	-	-
MW - 6	05/22/07	PSH	-	-	-
MW - 6	08/15/07	PSH	-	-	-
MW - 6	11/06/07	PSH	-	-	-
MW - 6	02/12/08	PSH	-	-	-
MW - 6	05/13/08	PSH	-	-	-
MW - 6	08/14/08	PSH	-	-	-
MW - 6	11/12/08	**0.0991**	0.223	0.0810	0.1910
MW - 6	02/10/09	PSH	-	-	-
MW - 6	05/12/09	**0.0436**	**<0.005**	0.0363	<0.005
MW - 6	08/10/09	**0.0162**	<0.001	0.0091	<0.001
MW - 6	11/18/09	0.0083	<0.001	0.0012	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	02/09/10	**0.0169**	<0.001	0.0067	0.0036
MW - 6	05/13/10	0.0079	<0.001	0.0047	<0.001
MW - 6	08/11/10	<0.100	<0.100	<0.100	<0.100
MW - 6	11/11/10	**0.0255**	<0.005	<0.005	<0.005
MW - 6	02/16/11	**0.0595**	<0.005	<0.005	<0.005
MW - 6	05/19/11	**0.0689**	<0.005	<0.005	<0.005
MW - 6	08/10/11	**0.0189**	<0.001	<0.001	<0.001
MW - 6	11/16/11	**0.0176**	<0.001	<0.001	<0.001
MW - 6	02/29/12	**0.0270**	<0.001	0.0101	<0.001
MW - 6	05/02/12	NS	-	-	-
MW - 6	08/10/12	NS	-	-	-
MW - 6	12/07/12	PSH	-	-	-
MW - 6	02/13/13	PSH	-	-	-
MW - 6	05/22/13	PSH	-	-	-
MW - 6	08/13/13	PSH	-	-	-
MW - 6	11/21/13	PSH	-	-	-
MW - 6	02/04/14	PSH	-	-	-
MW - 6	05/14/14	PSH	-	-	-
MW - 6	08/05/14	PSH	-	-	-
MW - 6	11/19/14	PSH	-	-	-
MW - 6	02/09/15	PSH	-	-	-
MW - 6	05/27/15	**0.0190**	<0.00100	<0.00100	0.00150
MW - 6	08/04/15	0.00900	<0.00100	0.00160	<0.00100
MW - 6	11/19/15	0.00470	<0.00100	<0.00100	<0.00100
MW - 6	02/24/16	**0.0216**	<0.00100	0.00210	0.00420
MW - 6	06/07/16	**0.0178**	<0.00100	<0.00100	<0.00100
MW - 6	08/03/16	**0.0117**	<0.00100	<0.00100	0.00140
MW - 6	11/08/16	0.00610	<0.00500	<0.00500	<0.00500
MW - 6	03/01/17	**0.0188**	<0.00200	<0.00200	<0.00200
MW - 6	05/23/17	**0.0299**	<0.00200	<0.00200	<0.00400
MW - 6	08/17/17	**0.0521**	<0.00200	<0.00200	<0.00400
MW - 6	11/14/17	**0.0297**	<0.00200	<0.00200	<0.00400
MW - 6	02/08/18	**0.0459**	<0.00200	<0.00200	<0.00400
MW - 6	05/22/18	**0.0176**	<0.0100	<0.00500	<0.0200
MW - 6	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 6	11/13/18	0.00697	<0.0100	<0.00500	<0.0200
MW - 6	02/13/19	**0.0220**	0.00105	0.00253	0.00699
MW - 6	05/08/19	0.00924	<0.00100	<0.00100	<0.00200
MW - 6	08/08/19	**0.0128**	<0.00100	<0.00100	<0.00200
MW - 6	11/13/19	0.00685	<0.00100	<0.00100	<0.00200
MW - 6	03/04/20	**0.0260**	0.00254	0.00694	0.01916
MW - 6	06/18/20	**0.0411**	0.00554	0.00877	0.0320
MW - 6	08/13/20	**0.0333**	0.00435	0.00539	0.02008
MW - 6	12/10/20	**0.0284**	0.00520	<0.00100	0.02118
MW - 6	02/11/21	**0.0305**	0.00711	0.0296	0.01598
MW - 6	06/10/21	**0.0366**	0.00500	0.00569	0.02246
MW - 6	09/23/21	**0.0302**	0.00312	0.00398	0.0238
MW - 6	12/06/21	**0.0209**	0.00254	<0.00100	0.00359
MW - 6	03/16/22	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 6	05/11/22	PSH	-	-	-
MW - 6	08/16/22	PSH	-	-	-
MW - 6	11/10/22	PSH	-	-	-
MW - 6	11/10/22	PSH	-	-	-
MW - 6	03/02/23	PSH	-	-	-
MW - 6	05/11/23	PSH	-	-	-
MW - 6	08/16/23	PSH	-	-	-
MW - 6	12/14/23	PSH	-	-	-
MW - 6	02/27/24	PSH	-	-	-
MW - 6	12/14/23	PSH	-	-	-
MW - 6	02/27/24	PSH	-	-	-
MW - 6	06/17/24	PSH	-	-	-
MW - 6	09/23/24	PSH	-	-	-
MW - 6	12/09/24	PSH	-	-	-
MW - 7	03/08/05	**1.5500**	<0.1	0.1450	<0.1
MW - 7	06/08/05	**0.8100**	<0.1	<0.1	<0.1
MW - 7	09/16/05	PSH	-	-	-
MW - 7	12/12/05	PSH	-	-	-
MW - 7	03/16/06	PSH	-	-	-
MW - 7	06/15/06	PSH	-	-	-
MW - 7	09/30/06	PSH	-	-	-
MW - 7	12/01/06	PSH	-	-	-
MW - 7	02/27/07	PSH	-	-	-
MW - 7	05/22/07	PSH	-	-	-
MW - 7	08/15/07	PSH	-	-	-
MW - 7	11/06/07	PSH	-	-	-
MW - 7	02/12/08	PSH	-	-	-
MW - 7	05/13/08	PSH	-	-	-
MW - 7	08/14/08	PSH	-	-	-
MW - 7	11/12/08	**0.527**	0.185	0.1390	0.1780
MW - 7	02/10/09	PSH	-	-	-
MW - 7	05/12/09	PSH	-	-	-
MW - 7	08/10/09	PSH	-	-	-
MW - 7	11/18/09	**0.761**	<0.005	0.1090	0.0574
MW - 7	02/09/10	PSH	-	-	-
MW - 7	05/13/10	PSH	-	-	-
MW - 7	08/11/10	PSH	-	-	-
MW - 7	11/11/10	PSH	-	-	-
MW - 7	02/16/11	PSH	-	-	-
MW - 7	05/19/11	PSH	-	-	-
MW - 7	08/10/11	PSH	-	-	-
MW - 7	11/16/11	PSH	-	-	-
MW - 7	02/29/12	PSH	-	-	-
MW - 7	05/02/12	PSH	-	-	-
MW - 7	08/10/12	PSH	-	-	-
MW - 7	12/07/12	PSH	-	-	-
MW - 7	02/13/13	PSH	-	-	-
MW - 7	05/22/13	PSH	-	-	-

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 7	08/13/13	PSH	-	-	-
MW - 7	11/21/13	PSH	-	-	-
MW - 7	02/04/14	PSH	-	-	-
MW - 7	05/14/14	PSH	-	-	-
MW - 7	08/05/14	PSH	-	-	-
MW - 7	11/19/14	PSH	-	-	-
MW - 7	02/09/15	PSH	-	-	-
MW - 7	05/27/15	PSH	-	-	-
MW - 7	08/03/15	PSH	-	-	-
MW - 7	11/19/15	PSH	-	-	-
MW - 7	02/24/16	PSH	-	-	-
MW - 7	06/07/16	PSH	-	-	-
MW - 7	08/03/16	PSH	-	-	-
MW - 7	11/08/16	PSH	-	-	-
MW - 7	03/01/17	PSH	-	-	-
MW - 7	05/24/17	PSH	-	-	-
MW - 7	08/16/17	PSH	-	-	-
MW - 7	11/14/17	PSH	-	-	-
MW - 7	02/08/18	PSH	-	-	-
MW - 7	05/22/18	PSH	-	-	-
MW - 7	08/08/18	**0.287**	<0.0100	0.0337	<0.0200
MW - 7	11/13/18	**0.346**	<0.0100	0.0789	0.0945
MW - 7	02/13/19	**0.441**	<0.00500	0.0578	0.0218
MW - 7	05/08/19	**0.161**	<0.00100	0.0371	0.01551
MW - 7	08/08/19	**0.368**	<0.00100	0.0825	0.0336
MW - 7	11/13/19	**0.296**	<0.00100	0.122	0.0757
MW - 7	03/05/20	**0.371**	0.0382	0.226	0.378
MW - 7	06/18/20	PSH	-	-	-
MW - 7	08/12/20	PSH	-	-	-
MW - 7	12/09/20	PSH	-	-	-
MW - 7	02/11/21	PSH	-	-	-
MW - 7	06/11/21	PSH	-	-	-
MW - 7	09/23/21	PSH	-	-	-
MW - 7	12/07/21	**0.297**	<0.00100	0.0132	0.00725
MW - 7	03/15/22	**0.341**	<0.00100	0.0171	0.00740
MW - 7	05/11/22	**0.422**	0.00100	0.0134	0.00945
MW - 7	08/17/22	**1.02**	0.00108	0.0161	0.00727
MW - 7	11/10/22	**0.212**	<0.00100	0.00281	<0.00200
MW - 7	02/28/23	**0.327**	<0.00100	0.0390	0.01683
MW - 7	05/11/23	**0.257**	<0.00100	0.00579	0.00260
MW - 7	08/17/23	**0.824**	<0.00100	0.0148	0.00575
MW - 7	12/14/23	**0.0434**	<0.00100	0.00245	<0.00200
MW - 7	02/28/24	**0.381**	<0.00100	0.0138	0.00560
MW - 7	06/18/24	**0.176**	<0.00100	0.00429	<0.00200
MW - 7	09/25/24	**0.567**	<0.00100	0.0458	0.0184
MW - 7	12/11/24	**0.218**	<0.00100	0.00791	0.00313
MW - 8	03/08/05	PSH	-	-	-
MW - 8	06/08/05	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 8	09/16/05	PSH	-	-	-
MW - 8	12/12/05	PSH	-	-	-
MW - 8	03/16/06	PSH	-	-	-
MW - 8	06/15/06	PSH	-	-	-
MW - 8	09/30/06	PSH	-	-	-
MW - 8	12/01/06	PSH	-	-	-
MW - 8	02/27/07	PSH	-	-	-
MW - 8	05/22/07	PSH	-	-	-
MW - 8	08/15/07	PSH	-	-	-
MW - 8	11/06/07	PSH	-	-	-
MW - 8	02/12/08	PSH	-	-	-
MW - 8	05/13/08	PSH	-	-	-
MW - 8	08/14/08	PSH	-	-	-
MW - 8	11/12/08	**0.238**	0.154	0.147	0.159
MW - 8	02/10/09	PSH	-	-	-
MW - 8	05/12/09	PSH	-	-	-
MW - 8	08/10/09	PSH	-	-	-
MW - 8	11/18/09	**0.222**	0.0121	0.258	0.175
MW - 8	02/09/10	PSH	-	-	-
MW - 8	05/13/10	PSH	-	-	-
MW - 8	08/11/10	PSH	-	-	-
MW - 8	11/11/10	PSH	-	-	-
MW - 8	02/16/11	PSH	-	-	-
MW - 8	05/19/11	PSH	-	-	-
MW - 8	08/10/11	PSH	-	-	-
MW - 8	11/16/11	PSH	-	-	-
MW - 8	02/29/12	PSH	-	-	-
MW - 8	05/02/12	PSH	-	-	-
MW - 8	08/10/12	PSH	-	-	-
MW - 8	12/07/12	PSH	-	-	-
MW - 8	02/13/13	PSH	-	-	-
MW - 8	05/22/13	PSH	-	-	-
MW - 8	08/13/13	PSH	-	-	-
MW - 8	11/21/13	PSH	-	-	-
MW - 8	02/04/14	PSH	-	-	-
MW - 8	05/14/14	PSH	-	-	-
MW - 8	08/05/14	PSH	-	-	-
MW - 8	11/19/14	PSH	-	-	-
MW - 8	02/09/15	PSH	-	-	-
MW - 8	05/27/15	PSH	-	-	-
MW - 8	08/03/15	PSH	-	-	-
MW - 8	11/19/15	PSH	-	-	-
MW - 8	02/24/16	PSH	-	-	-
MW - 8	06/07/16	PSH	-	-	-
MW - 8	08/03/16	PSH	-	-	-
MW - 8	11/08/16	PSH	-	-	-
MW - 8	03/01/17	PSH	-	-	-
MW - 8	05/24/17	PSH	-	-	-
MW - 8	08/17/17	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 8	11/14/17	PSH	-	-	-
MW - 8	02/08/18	**0.165**	0.00866	0.0563	0.05706
MW - 8	05/22/18	**0.164**	<0.0100	0.140	0.1191
MW - 8	08/08/18	**0.0545**	<0.0100	0.0262	0.0244
MW - 8	11/13/18	**0.166**	<0.0100	<0.00500	<0.0200
MW - 8	02/13/19	**0.161**	0.00668	0.145	0.1378
MW - 8	05/08/19	**0.116**	0.00209	0.0879	0.06030
MW - 8	08/08/19	**0.133**	0.0212	0.376	0.415
MW - 8	11/13/19	**0.148**	<0.00100	0.166	0.1503
MW - 8	03/05/20	**0.102**	0.0356	0.201	0.407
MW - 8	06/18/20	**0.241**	0.212	0.519	**1.235**
MW - 8	08/13/20	**0.152**	0.0334	0.180	0.2423
MW - 8	12/09/20	PSH	-	-	-
MW - 8	02/11/21	PSH	-	-	-
MW - 8	06/11/21	PSH	-	-	-
MW - 8	09/23/21	PSH	-	-	-
MW - 8	12/07/21	PSH	-	-	-
MW - 8	03/16/22	PSH	-	-	-
MW - 8	05/11/22	PSH	-	-	-
MW - 8	08/16/22	PSH	-	-	-
MW - 8	11/10/22	PSH	-	-	-
MW - 8	03/02/23	PSH	-	-	-
MW - 8	05/11/23	PSH	-	-	-
MW - 8	08/16/23	PSH	-	-	-
MW - 8	12/14/23	PSH	-	-	-
MW - 8	02/27/24	PSH	-	-	-
MW - 8	06/17/24	PSH	-	-	-
MW - 8	09/23/24	PSH	-	-	-
MW - 8	12/09/24	PSH	-	-	-
MW - 9	02/12/03	**0.1210**	<0.001	0.0970	0.0040
MW - 9	05/14/03	**0.0720**	<0.001	0.1240	0.0100
MW - 9	08/21/03	**0.0430**	<0.001	0.0940	0.0050
MW - 9	12/10/03	0.0090	<0.001	0.0300	<0.002
MW - 9	02/11/04	**0.0100**	<0.001	0.0240	<0.002
MW - 9	05/11/04	**0.0195**	<0.001	0.0314	<0.002
MW - 9	08/25/04	**0.1400**	<0.001	0.0474	<0.002
MW - 9	12/03/04	**0.0388**	<0.0200	<0.0200	<0.0200
MW - 9	03/08/05	**0.0125**	<0.005	<0.005	<0.005
MW - 9	06/08/05	0.0057	<0.005	<0.005	<0.005
MW - 9	09/16/05	0.0059	<0.001	0.0029	<0.001
MW - 9	12/12/05	**0.0417**	<0.02	<0.02	<0.02
MW - 9	03/16/06	**0.0709**	<0.005	0.0227	<0.005
MW - 9	06/15/06	**0.0205**	<0.005	<0.005	<0.005
MW - 9	09/30/06	<0.001	<0.001	<0.001	<0.001
MW - 9	12/01/06	<0.01	<0.01	<0.01	<0.01
MW - 9	02/27/07	<0.005	<0.005	<0.005	<0.005
MW - 9	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 9	08/15/07	<0.1	<0.1	<0.1	<0.1

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 9	11/06/07	**0.0183**	<0.001	<0.001	<0.001
MW - 9	02/12/08	**0.0162**	<0.001	<0.001	<0.001
MW - 9	05/13/08	**0.0139**	<0.001	<0.001	<0.001
MW - 9	08/14/08	**0.0137**	<0.001	<0.001	<0.001
MW - 9	11/12/08	**0.0116**	<0.001	<0.001	<0.001
MW - 9	02/10/09	0.0090	<0.005	<0.005	<0.005
MW - 9	05/12/09	**0.0146**	<0.001	<0.001	<0.001
MW - 9	08/10/09	**0.0117**	<0.001	<0.001	<0.001
MW - 9	11/18/09	**0.0149**	<0.001	<0.001	<0.001
MW - 9	02/09/10	0.0084	<0.001	<0.001	<0.001
MW - 9	05/13/10	0.0053	<0.001	<0.001	<0.001
MW - 9	08/11/10	<0.001	<0.001	<0.001	<0.001
MW - 9	11/11/10	<0.0100	<0.0100	<0.0100	<0.0100
MW - 9	02/16/11	**0.0106**	<0.001	<0.001	<0.0100
MW - 9	05/19/11	<0.001	<0.001	<0.001	<0.0100
MW - 9	08/10/11	0.0076	<0.001	<0.001	<0.001
MW - 9	11/16/11	0.0045	<0.001	<0.001	<0.001
MW - 9	02/29/12	**0.0105**	<0.001	<0.001	<0.001
MW - 9	05/02/12	0.0055	<0.001	<0.001	<0.001
MW - 9	08/10/12	NS	-	-	-
MW - 9	12/07/12	NS	-	-	-
MW - 9	02/13/13	NS	-	-	-
MW - 9	05/22/13	NS	-	-	-
MW - 9	08/13/13	NS	-	-	-
MW - 9	11/21/13	NS	-	-	-
MW - 9	02/04/14	P&A	-	-	-
MW - 10	02/11/04	**0.0190**	<0.001	0.0690	0.0020
MW - 10	05/11/04	**0.0369**	<0.001	0.0432	<0.002
MW - 10	12/03/04	**0.0196**	<0.0100	<0.0100	<0.0100
MW - 10	03/08/05	<0.01	<0.01	0.0102	<0.01
MW - 10	06/08/05	**0.0130**	<0.005	0.0236	<0.005
MW - 10	09/16/05	PSH	-	-	-
MW - 10	12/12/05	PSH	-	-	-
MW - 10	03/16/06	**0.0557**	<0.01	0.0751	<0.01
MW - 10	06/15/06	PSH	-	-	-
MW - 10	09/30/06	<0.001	<0.001	0.0379	0.0035
MW - 10	12/01/06	**0.0265**	<0.01	0.0834	<0.01
MW - 10	02/27/07	<0.01	<0.01	0.0538	<0.01
MW - 10	05/22/07	**0.0134**	<0.005	0.0302	<0.005
MW - 10	08/15/07	PSH	-	-	-
MW - 10	11/06/07	**0.0213**	<0.001	0.0099	0.0029
MW - 10	02/12/08	**0.0214**	<0.005	0.0136	<0.005
MW - 10	05/13/08	**0.0208**	<0.005	0.0067	<0.005
MW - 10	08/14/08	**0.0291**	<0.00100	<0.00100	<0.00100
MW - 10	11/12/08	**0.0111**	<0.00100	<0.00100	<0.00100
MW - 10	02/10/09	**0.0196**	<0.005	<0.005	<0.005
MW - 10	05/12/09	0.0039	<0.001	<0.001	<0.001
MW - 10	08/10/09	**0.0342**	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 10	11/18/09	**0.0275**	<0.001	<0.001	<0.001
MW - 10	02/09/10	0.0073	<0.001	<0.001	<0.001
MW - 10	05/13/10	0.0090	<0.001	<0.001	<0.001
MW - 10	08/11/10	<0.100	<0.100	<0.100	<0.100
MW - 10	11/11/10	<0.005	<0.005	<0.005	<0.005
MW - 10	02/16/11	**0.0302**	<0.001	<0.001	<0.001
MW - 10	05/19/11	**0.0384**	<0.001	<0.001	<0.001
MW - 10	08/10/11	**0.0131**	<0.001	<0.001	<0.001
MW - 10	11/16/11	0.0082	<0.001	<0.001	<0.001
MW - 10	02/29/12	**0.0121**	<0.001	<0.001	<0.001
MW - 10	05/02/12	0.0057	<0.001	<0.001	<0.001
MW - 10	08/10/12	NS	-	-	-
MW - 10	12/06/12	<0.005	<0.005	<0.005	<0.005
MW - 10	02/13/13	<0.005	<0.005	<0.005	<0.005
MW - 10	05/22/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	11/21/13	<0.00100	<0.00100	<0.00100	<0.00300
MW - 10	02/04/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 10	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 10	08/05/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	11/20/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	02/09/15	0.00120	<0.00100	<0.00100	<0.00100
MW - 10	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	08/03/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 10	08/02/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 10	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 10	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200
MW - 10	05/23/17	<0.00200	<0.00200	0.00682	0.0129
MW - 10	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 10	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 10	02/08/18	<0.00200	<0.00200	<0.00200	0.00403
MW - 10	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 10	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 10	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 10	02/12/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 10	03/04/20	<0.00100	<0.00100	0.00175	0.00461
MW - 10	06/17/20	NS	-	-	-
MW - 10	08/12/20	NS	-	-	-
MW - 10	12/09/20	NS	-	-	-
MW - 10	02/10/21	NS	-	-	-
MW - 10	06/10/21	<0.00100	<0.00100	0.00211	0.00548
MW - 10	09/23/21	NS	-	-	-
MW - 10	12/06/21	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 10	03/16/22	NS	-	-	-
MW - 10	05/09/22	NS	-	-	-
MW - 10	08/18/22	<0.00100	0.00195	0.00187	0.00430
MW - 10	11/09/22	NS	-	-	-
MW - 10	03/02/23	NS	-	-	-
MW - 10	05/11/23	NS	-	-	-
MW - 10	08/16/23	NS	-	-	-
MW - 10	12/13/23	<0.00100	<0.00100	0.00331	0.00135
MW - 10	02/27/24	NS	-	-	-
MW - 10	06/17/24	NS	-	-	-
MW - 10	09/23/24	NS	-	-	-
MW - 10	12/10/24	<0.00100	<0.00100	0.00212	<0.00200
MW - 11	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 11	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 11	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 11	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 11	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 11	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 11	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 11	03/08/05	NS	-	-	-
MW - 11	06/08/05	NS	-	-	-
MW - 11	09/16/05	NS	-	-	-
MW - 11	12/12/05	NS	-	-	-
MW - 11	03/16/06	NS	-	-	-
MW - 11	06/15/06	NS	-	-	-
MW - 11	09/30/06	NS	-	-	-
MW - 11	12/01/06	<0.01	<0.01	<0.01	<0.01
MW - 11	02/27/07	NS	-	-	-
MW - 11	05/22/07	NS	-	-	-
MW - 11	08/15/07	NS	-	-	-
MW - 11	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 11	02/12/08	NS	-	-	-
MW - 11	05/13/08	NS	-	-	-
MW - 11	08/14/08	NS	-	-	-
MW - 11	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 11	02/10/09	NS	-	-	-
MW - 11	05/12/09	NS	-	-	-
MW - 11	08/10/09	NS	-	-	-
MW - 11	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 11	02/09/10	NS	-	-	-
MW - 11	05/13/10	NS	-	-	-
MW - 11	08/11/10	NS	-	-	-
MW - 11	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 11	02/16/11	NS	-	-	-
MW - 11	05/19/11	NS	-	-	-
MW - 11	08/10/11	NS	-	-	-
MW - 11	11/16/11	<0.001	<0.001	<0.001	<0.001

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 11	02/29/12	NS	-	-	-
MW - 11	05/02/12	NS	-	-	-
MW - 11	08/10/12	NS	-	-	-
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 11	02/29/12	NS	-	-	-
MW - 11	05/02/12	NS	-	-	-
MW - 11	08/10/12	NS	-	-	-
MW - 11	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 11	02/13/13	NS	-	-	-
MW - 11	05/22/13	NS	-	-	-
MW - 11	08/13/13	NS	-	-	-
MW - 11	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 11	02/04/14	NS	-	-	-
MW - 11	05/14/14	NS	-	-	-
MW - 11	08/05/14	NS	-	-	-
MW - 11	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11	02/09/15	NS	-	-	-
MW - 11	05/27/15	NS	-	-	-
MW - 11	08/03/15	NS	-	-	-
MW - 11	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11	02/24/16	NS	-	-	-
MW - 11	06/07/16	NS	-	-	-
MW - 11	08/02/16	NS	-	-	-
MW - 11	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 11	03/01/17	NS	-	-	-
MW - 11	05/23/17	NS	-	-	-
MW - 11	08/17/17	NS	-	-	-
MW - 11	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 11	02/08/18	NS	-	-	-
MW - 11	05/21/18	NS	-	-	-
MW - 11	08/08/18	NS	-	-	-
MW - 11	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 11	02/12/19	NS	-	-	-
MW - 11	05/07/19	NS	-	-	-
MW - 11	08/07/19	NS	-	-	-
MW - 11	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/04/20	NS	-	-	-
MW - 11	06/17/20	NS	-	-	-
MW - 11	08/12/20	NS	-	-	-
MW - 11	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	02/10/21	NS	-	-	-
MW - 11	06/09/21	NS	-	-	-
MW - 11	09/23/21	NS	-	-	-
MW - 11	12/07/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	03/15/22	<0.00100	<0.00100	0.00175	<0.00200
MW - 11	05/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	08/17/22	0.00548	0.0161	0.00335	0.00944
MW - 11	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 11	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	12/14/23	<0.00100	<0.00100	<0.00100	<0.010200
MW - 11	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 11	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 12	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 12	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 12	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 12	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 12	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 12	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 12	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 12	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 12	03/08/05	NS	-	-	-
MW - 12	06/08/05	NS	-	-	-
MW - 12	09/16/05	NS	-	-	-
MW - 12	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 12	03/16/06	NS	-	-	-
MW - 12	06/15/06	NS	-	-	-
MW - 12	09/30/06	NS	-	-	-
MW - 12	12/01/06	<0.01	<0.01	<0.01	0.0336
MW - 12	02/27/07	NS	-	-	-
MW - 12	05/22/07	NS	-	-	-
MW - 12	08/15/07	NS	-	-	-
MW - 12	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 12	02/12/08	NS	-	-	-
MW - 12	06/05/08	<0.001	<0.001	<0.001	<0.001
MW - 12	08/14/08	NS	-	-	-
MW - 12	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 12	02/10/09	NS	-	-	-
MW - 12	05/12/09	NS	-	-	-
MW - 12	08/10/09	NS	-	-	-
MW - 12	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 12	02/09/10	NS	-	-	-
MW - 12	05/13/10	NS	-	-	-
MW - 12	08/11/10	NS	-	-	-
MW - 12	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 12	02/16/11	NS	-	-	-
MW - 12	05/19/11	NS	-	-	-
MW - 12	08/10/11	NS	-	-	-
MW - 12	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 12	02/29/12	NS	-	-	-
MW - 12	05/02/12	NS	-	-	-
MW - 12	08/10/12	NS	-	-	-
MW - 12	12/06/12	<0.001	<0.001	<0.001	<0.001

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 12	02/13/13	NS	-	-	-
MW - 12	05/22/13	NS	-	-	-
MW - 12	08/13/13	NS	-	-	-
MW - 12	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 12	02/04/14	NS	-	-	-
MW - 12	05/14/14	NS	-	-	-
MW - 12	08/05/14	NS	-	-	-
MW - 12	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 12	02/09/15	NS	-	-	-
MW - 12	05/27/15	NS	-	-	-
MW - 12	08/03/15	NS	-	-	-
MW - 12	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 12	02/24/16	NS	-	-	-
MW - 12	06/07/16	NS	-	-	-
MW - 12	08/02/16	NS	-	-	-
MW - 12	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 12	03/01/17	NS	-	-	-
MW - 12	05/23/17	NS	-	-	-
MW - 12	08/17/17	NS	-	-	-
MW - 12	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 12	02/08/18	NS	-	-	-
MW - 12	05/21/18	NS	-	-	-
MW - 12	08/08/18	NS	-	-	-
MW - 12	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 12	02/12/19	NS	-	-	-
MW - 12	05/07/19	NS	-	-	-
MW - 12	08/07/19	NS	-	-	-
MW - 12	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/04/20	NS	-	-	-
MW - 12	06/17/20	NS	-	-	-
MW - 12	08/12/20	NS	-	-	-
MW - 12	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	02/10/21	NS	-	-	-
MW - 12	06/09/21	NS	-	-	-
MW - 12	09/23/21	NS	-	-	-
MW - 12	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/16/22	NS	-	-	-
MW - 12	05/09/22	NS	-	-	-
MW - 12	08/16/22	NS	-	-	-
MW - 12	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	03/02/23	NS	-	-	-
MW - 12	05/11/23	NS	-	-	-
MW - 12	08/16/23	NS	-	-	-
MW - 12	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 12	02/27/24	NS	-	-	-
MW - 12	06/17/24	NS	-	-	-
MW - 12	09/23/24	NS	-	-	-
MW - 12	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 13	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 13	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 13	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 13	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 13	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 13	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 13	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 13	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 13	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 13	03/08/05	NS	-	-	-
MW - 13	06/08/05	NS	-	-	-
MW - 13	09/16/05	NS	-	-	-
MW - 13	12/12/05	<0.001	<0.001	<0.001	
MW - 13	03/16/06	NS	-	-	-
MW - 13	06/15/06	NS	-	-	-
MW - 13	09/30/06	NS	-	-	-
MW - 13	12/01/06	<0.02	<0.02	<0.02	<0.02
MW - 13	02/27/07	NS	-	-	-
MW - 13	05/22/07	NS	-	-	-
MW - 13	08/15/07	NS	-	-	-
MW - 13	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 13	02/12/08	NS	-	-	-
MW - 13	05/13/08	NS	-	-	-
MW - 13	08/14/08	NS	-	-	-
MW - 13	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 13	02/10/09	NS	-	-	-
MW - 13	05/12/09	NS	-	-	-
MW - 13	08/10/09	NS	-	-	-
MW - 13	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 13	02/09/10	NS	-	-	-
MW - 13	05/13/10	NS	-	-	-
MW - 13	08/11/10	NS	-	-	-
MW - 13	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 13	02/16/11	NS	-	-	-
MW - 13	05/19/11	NS	-	-	-
MW - 13	08/10/11	NS	-	-	-
MW - 13	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 13	02/29/12	NS	-	-	-
MW - 13	05/02/12	NS	-	-	-
MW - 13	08/10/12	NS	-	-	-
MW - 13	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 13	02/13/13	NS	-	-	-
MW - 13	05/22/13	NS	-	-	-
MW - 13	08/13/13	NS	-	-	-
MW - 13	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 13	02/04/14	NS	-	-	-
MW - 13	05/14/14	NS	-	-	-
MW - 13	08/05/14	NS	-	-	-
MW - 13	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 13	02/09/15	NS	-	-	-
MW - 13	05/27/15	NS	-	-	-
MW - 13	08/03/15	NS	-	-	-
MW - 13	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 13	02/24/16	NS	-	-	-
MW - 13	06/07/16	NS	-	-	-
MW - 13	08/02/16	NS	-	-	-
MW - 13	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 13	03/01/17	NS	-	-	-
MW - 13	05/23/17	NS	-	-	-
MW - 13	08/17/17	NS	-	-	-
MW - 13	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 13	02/08/18	NS	-	-	-
MW - 13	05/21/18	NS	-	-	-
MW - 13	08/08/18	NS	-	-	-
MW - 13	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 13	02/12/19	NS	-	-	-
MW - 13	05/07/19	NS	-	-	-
MW - 13	08/07/19	NS	-	-	-
MW - 13	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	03/04/20	NS	-	-	-
MW - 13	06/17/20	NS	-	-	-
MW - 13	08/12/20	NS	-	-	-
MW - 13	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	02/10/21	NS	-	-	-
MW - 13	06/09/21	NS	-	-	-
MW - 13	09/23/21	NS	-	-	-
MW - 13	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	03/16/22	NS	-	-	-
MW - 13	05/09/22	NS	-	-	-
MW - 13	08/16/22	NS	-	-	-
MW - 13	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	03/02/23	NS	-	-	-
MW - 13	05/11/23	NS	-	-	-
MW - 13	08/16/23	NS	-	-	-
MW - 13	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 13	02/27/24	NS	-	-	-
MW - 13	06/17/24	NS	-	-	-
MW - 13	09/23/24	NS	-	-	-
MW - 13	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 14	3/8/2005	PSH	-	-	-
MW - 14	06/08/05	PSH	-	-	-
MW - 14	09/16/05	PSH	-	-	-
MW - 14	12/12/05	PSH	-	-	-
MW - 14	03/16/06	PSH	-	-	-
MW - 14	06/15/06	PSH	-	-	-
MW - 14	09/30/06	PSH	-	-	-
MW - 14	12/01/06	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 14	02/27/07	PSH	-	-	-
MW - 14	05/22/07	PSH	-	-	-
MW - 14	08/15/07	PSH	-	-	-
MW - 14	11/06/07	PSH	-	-	-
MW - 14	02/12/08	PSH	-	-	-
MW - 14	05/13/08	PSH	-	-	-
MW - 14	08/14/08	PSH	-	-	-
MW - 14	11/12/08	**0.3180**	0.136	0.3880	0.2620
MW - 14	02/10/09	PSH	-	-	-
MW - 14	05/12/09	PSH	-	-	-
MW - 14	08/10/09	PSH	-	-	-
MW - 14	11/18/09	**0.2010**	<0.100	0.2640	<0.100
MW - 14	02/09/10	PSH	-	-	-
MW - 14	05/13/10	PSH	-	-	-
MW - 14	08/11/10	PSH	-	-	-
MW - 14	11/11/10	PSH	-	-	-
MW - 14	02/16/11	PSH	-	-	-
MW - 14	05/19/11	PSH	-	-	-
MW - 14	08/10/11	PSH	-	-	-
MW - 14	11/16/11	PSH	-	-	-
MW - 14	02/29/12	PSH	-	-	-
MW - 14	05/02/12	PSH	-	-	-
MW - 14	08/10/12	PSH	-	-	-
MW - 14	12/07/12	PSH	-	-	-
MW - 14	02/13/13	PSH	-	-	-
MW - 14	05/22/13	PSH	-	-	-
MW - 14	08/13/13	PSH	-	-	-
MW - 14	11/21/13	PSH	-	-	-
MW - 14	02/04/14	PSH	-	-	-
MW - 14	05/14/14	PSH	-	-	-
MW - 14	08/05/14	PSH	-	-	-
MW - 14	11/19/14	PSH	-	-	-
MW - 14	02/09/15	**0.226**	<0.0500	**0.138**	<0.0500
MW - 14	05/27/15	**0.475**	<0.0500	**0.0534**	<0.0500
MW - 14	08/03/15	**0.380**	<0.0500	**0.114**	<0.0500
MW - 14	11/19/15	**0.128**	<0.0500	<0.0500	<0.0500
MW - 14	02/24/16	**0.348**	<0.00100	0.117	0.0328
MW - 14	06/07/16	**0.344**	<0.00100	0.0817	0.0265
MW - 14	08/03/16	**0.189**	<0.0500	0.102	<0.0500
MW - 14	11/08/16	**0.106**	<0.0500	<0.0500	<0.0500
MW - 14	03/01/17	**0.287**	<0.00200	0.109	0.0427
MW - 14	05/23/17	**0.547**	<0.00200	0.105	0.0458
MW - 14	08/17/17	**0.570**	<0.0200	0.242	0.092
MW - 14	11/14/17	**0.561**	<0.00200	0.115	0.0483
MW - 14	02/08/18	**0.297**	0.00298	0.0582	0.0243
MW - 14	05/22/18	**0.336**	<0.0100	0.101	0.0708
MW - 14	08/08/18	**0.213**	<0.0100	0.156	0.0900
MW - 14	11/13/18	**0.205**	<0.0100	0.108	0.0459
MW - 14	02/13/19	**0.227**	<0.00100	0.101	0.0479

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 14	05/08/19	**0.163**	<0.00100	0.0756	0.0422
MW - 14	08/08/19	**0.328**	0.00105	0.174	0.0953
MW - 14	11/13/19	**0.147**	<0.00100	0.0914	0.0557
MW - 14	03/05/20	**0.235**	0.00229	0.110	0.04423
MW - 14	06/18/20	**0.147**	0.00505	0.140	0.1077
MW - 14	08/13/20	**0.208**	0.00662	0.172	0.0988
MW - 14	12/10/20	**0.160**	0.0116	0.157	0.06489
MW - 14	02/11/21	**0.140**	0.0245	0.145	0.1472
MW - 14	06/11/21	**0.236**	0.0227	0.137	0.1658
MW - 14	09/23/21	**0.352**	0.0398	0.259	0.3124
MW - 14	12/06/21	**0.231**	0.0189	0.239	0.1642
MW - 14	03/16/22	**0.281**	0.00126	0.190	0.0521
MW - 14	05/11/22	**0.270**	0.00775	0.221	0.0971
MW - 14	08/18/22	**0.207**	0.00836	0.176	0.08336
MW - 14	11/11/22	**0.250**	0.00903	0.225	0.1026
MW - 14	03/02/23	**0.207**	0.00214	0.163	0.0569
MW - 14	05/11/23	**0.270**	0.00141	0.192	0.0610
MW - 14	08/18/23	**0.178**	0.00526	0.151	0.05665
MW - 14	12/14/23	**0.208**	0.00113	0.157	0.04654
MW - 14	02/27/24	**0.228**	0.00185	0.171	0.04331
MW - 14	06/18/24	**0.142**	<0.00100	0.0936	0.0189
MW - 14	09/23/24	NS	-	-	-
MW - 14	12/09/24	Dry	-	-	-
MW - 15	3/8/2005	PSH	-	-	-
MW - 15	06/08/05	PSH	-	-	-
MW - 15	09/16/05	PSH	-	-	-
MW - 15	12/12/05	PSH	-	-	-
MW - 15	03/16/06	PSH	-	-	-
MW - 15	06/15/06	PSH	-	-	-
MW - 15	09/30/06	PSH	-	-	-
MW - 15	12/01/06	PSH	-	-	-
MW - 15	02/27/07	PSH	-	-	-
MW - 15	05/22/07	PSH	-	-	-
MW - 15	08/15/07	PSH	-	-	-
MW - 15	11/06/07	PSH	-	-	-
MW - 15	02/12/08	**0.1610**	<0.002	0.2410	0.0531
MW - 15	05/13/08	PSH	-	-	-
MW - 15	08/14/08	PSH	-	-	-
MW - 15	11/12/08	PSH	-	-	-
MW - 15	02/10/09	PSH	-	-	-
MW - 15	05/12/09	PSH	-	-	-
MW - 15	08/10/09	PSH	-	-	-
MW - 15	11/18/09	**0.0773**	<0.020	0.0535	<0.020
MW - 15	02/09/10	PSH	-	-	-
MW - 15	05/13/10	PSH	-	-	-
MW - 15	08/11/10	PSH	-	-	-
MW - 15	11/11/10	PSH	-	-	-
MW - 15	02/16/11	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 15	05/19/11	PSH	-	-	-
MW - 15	08/10/11	PSH	-	-	-
MW - 15	11/17/11	**0.0898**	<0.020	<0.020	<0.020
MW - 15	02/29/12	**0.2550**	<0.020	0.2000	<0.020
MW - 15	05/02/12	**0.1420**	<0.020	0.1010	<0.020
MW - 15	08/10/12	PSH	-	-	-
MW - 15	12/07/12	PSH	-	-	-
MW - 15	02/13/13	PSH	-	-	-
MW - 15	05/22/13	**0.0956**	<0.00500	0.0300	<0.00500
MW - 15	08/13/13	**0.0909**	<0.00500	<0.00500	<0.00500
MW - 15	11/21/13	**0.123**	<0.0500	<0.0500	<0.150
MW - 15	02/04/14	**0.108**	<0.0500	<0.0500	<0.150
MW - 15	05/14/14	**0.0779**	<0.0500	<0.0500	<0.150
MW - 15	08/05/14	PSH	-	-	-
MW - 15	11/19/14	PSH	-	-	-
MW - 15	02/09/15	**0.0705**	<0.0500	<0.0500	<0.0500
MW - 15	05/27/15	**0.0265**	<0.00100	0.00820	0.00230
MW - 15	08/03/15	<0.0500	<0.0500	<0.0500	<0.0500
MW - 15	11/19/15	**0.0237**	<0.00100	0.00200	<0.00100
MW - 15	02/24/16	**0.0286**	0.00150	0.00370	0.0113
MW - 15	06/07/16	**0.0203**	<0.00100	0.00460	0.0015
MW - 15	08/03/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 15	11/08/16	**0.0139**	<0.00500	0.00500	<0.00500
MW - 15	03/01/17	**0.0225**	<0.00200	0.00896	0.0101
MW - 15	05/23/17	**0.0399**	<0.00200	0.0155	0.0154
MW - 15	08/17/17	**0.0394**	<0.00200	0.0120	0.00629
MW - 15	11/14/17	**0.0311**	<0.00200	0.00339	<0.00400
MW - 15	02/08/18	**0.0519**	<0.00200	0.00395	0.00843
MW - 15	05/22/18	**0.0241**	<0.0100	<0.00500	<0.0200
MW - 15	08/08/18	**0.0253**	<0.0100	0.00521	<0.0200
MW - 15	11/13/18	**0.0523**	<0.0100	<0.00500	<0.0200
MW - 15	02/13/19	**0.0373**	0.00165	0.00852	0.02065
MW - 15	05/08/19	**0.0302**	0.00140	0.00381	0.01298
MW - 15	08/08/19	0.00852	0.00139	0.00461	0.02557
MW - 15	11/06/19	0.00997	<0.00100	0.00413	0.01004
MW - 15	03/05/20	**0.0324**	0.0124	0.0244	0.1054
MW - 15	06/18/20	**0.0456**	0.0142	0.0205	0.1083
MW - 15	08/13/20	**0.0579**	0.0145	0.0232	0.0938
MW - 15	12/10/20	**0.0559**	0.0688	0.287	0.205
MW - 15	02/11/21	**0.0575**	0.0163	0.0521	0.0353
MW - 15	06/11/21	**0.0443**	0.0145	0.0143	0.0737
MW - 15	09/23/21	**0.0247**	0.0120	0.0136	0.0728
MW - 15	12/06/21	**0.0240**	0.0202	<0.00100	0.0489
MW - 15	03/16/22	**0.0193**	0.0120	<0.00100	0.0504
MW - 15	05/11/22	**0.0223**	0.0121	0.0154	0.0761
MW - 15	08/18/22	0.00401	0.00201	<0.00100	0.00951
MW - 15	11/11/22	**0.0157**	0.00132	<0.00100	0.02082
MW - 15	03/02/23	0.00955	0.0136	0.0374	0.1211
MW - 15	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 15	08/17/23	PSH	-	-	-
MW - 15	12/14/23	PSH	-	-	-
MW - 15	02/27/24	-	-	-	-
MW - 15	06/19/24	**0.0105**	0.00905	<0.00100	0.0302
MW - 15	09/23/24	PSH	-	-	-
MW - 15	12/11/24	0.00630	0.0170	0.0578	0.0501
		.			
MW - 16	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 16	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 16	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 16	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 16	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 16	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 16	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 16	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 16	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 16	03/08/05	NS	-	-	-
MW - 16	06/08/05	NS	-	-	-
MW - 16	09/16/05	NS	-	-	-
MW - 16	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 16	03/16/06	NS	-	-	-
MW - 16	06/15/06	NS	-	-	-
MW - 16	09/30/06	NS	-	-	-
MW - 16	12/01/06	<0.02	<0.02	<0.02	<0.02
MW - 16	02/27/07	NS	-	-	-
MW - 16	05/22/07	NS	-	-	-
MW - 16	08/15/07	NS	-	-	-
MW - 16	11/05/07	<0.001	<0.001	<0.001	<0.001
MW - 16	02/12/08	NS	-	-	-
MW - 16	05/13/08	NS	-	-	-
MW - 16	08/14/08	NS	-	-	-
MW - 16	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 16	02/10/09	NS	-	-	-
MW - 16	05/12/09	NS	-	-	-
MW - 16	08/10/09	NS	-	-	-
MW - 16	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 16	02/09/10	NS	-	-	-
MW - 16	05/13/10	NS	-	-	-
MW - 16	08/11/10	NS	-	-	-
MW - 16	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 16	02/16/11	NS	-	-	-
MW - 16	05/19/11	NS	-	-	-
MW - 16	08/10/11	NS	-	-	-
MW - 16	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 16	02/29/12	NS	-	-	-
MW - 16	05/02/12	NS	-	-	-
MW - 16	08/10/12	NS	-	-	-
MW - 16	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 16	02/13/13	NS	-	-	-

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 16	05/22/13	NS	-	-	-
MW - 16	08/13/13	NS	-	-	-
MW - 16	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 16	02/04/14	NS	-	-	-
MW - 16	05/14/14	NS	-	-	-
MW - 16	08/05/14	NS	-	-	-
MW - 16	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 16	02/09/15	NS	-	-	-
MW - 16	05/27/15	NS	-	-	-
MW - 16	08/03/15	NS	-	-	-
MW - 16	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 16	02/24/16	NS	-	-	-
MW - 16	06/07/16	NS	-	-	-
MW - 16	08/03/16	NS	-	-	-
MW - 16	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 16	03/01/17	NS	-	-	-
MW - 16	05/23/17	NS	-	-	-
MW - 16	08/17/17	NS	-	-	-
MW - 16	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 16	02/08/18	NS	-	-	-
MW - 16	05/22/18	NS	-	-	-
MW - 16	08/08/18	NS	-	-	-
MW - 16	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 16	02/12/19	NS	-	-	-
MW - 16	05/07/19	NS	-	-	-
MW - 16	08/07/19	NS	-	-	-
MW - 16	11/05/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/04/20	NS	-	-	-
MW - 16	06/17/20	NS	-	-	-
MW - 16	08/12/20	NS	-	-	-
MW - 16	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	02/10/21	NS	-	-	-
MW - 16	06/09/21	NS	-	-	-
MW - 16	09/23/21	NS	-	-	-
MW - 16	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/16/22	NS	-	-	-
MW - 16	05/09/22	NS	-	-	-
MW - 16	08/16/22	NS	-	-	-
MW - 16	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	03/02/23	NS	-	-	-
MW - 16	05/11/23	NS	-	-	-
MW - 16	08/16/23	NS	-	-	-
MW - 16	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 16	02/27/24	NS	-	-	-
MW - 16	06/17/24	NS	-	-	-
MW - 16	09/23/24	NS	-	-	-
MW - 16	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	06/20/02	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 17	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 17	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 17	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 17	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 17	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 17	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 17	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 17	12/02/04	<0.001	<0.001	<0.001	<0.001
MW - 17	03/08/05	NS	-	-	-
MW - 17	06/08/05	NS	-	-	-
MW - 17	09/16/05	NS	-	-	-
MW - 17	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 17	03/16/06	NS	-	-	-
MW - 17	06/15/06	NS	-	-	-
MW - 17	09/30/06	NS	-	-	-
MW - 17	12/01/06	<0.02	<0.02	<0.02	<0.02
MW - 17	02/27/07	NS	-	-	-
MW - 17	05/22/07	NS	-	-	-
MW - 17	08/15/07	NS	-	-	-
MW - 17	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 17	02/12/08	NS	-	-	-
MW - 17	05/13/08	NS	-	-	-
MW - 17	08/14/08	NS	-	-	-
MW - 17	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 17	02/10/09	NS	-	-	-
MW - 17	05/12/09	NS	-	-	-
MW - 17	08/10/09	NS	-	-	-
MW - 17	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 17	02/09/10	NS	-	-	-
MW - 17	05/13/10	NS	-	-	-
MW - 17	08/11/10	NS	-	-	-
MW - 17	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 17	02/16/11	NS	-	-	-
MW - 17	05/19/11	NS	-	-	-
MW - 17	08/10/11	NS	-	-	-
MW - 17	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 17	02/29/12	NS	-	-	-
MW - 17	05/02/12	NS	-	-	-
MW - 17	08/10/12	NS	-	-	-
MW - 17	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 17	02/13/13	NS	-	-	-
MW - 17	05/22/13	NS	-	-	-
MW - 17	08/13/13	NS	-	-	-
MW - 17	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 17	02/04/14	NS	-	-	-
MW - 17	05/14/14	NS	-	-	-
MW - 17	08/05/14	NS	-	-	-
MW - 17	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 17	02/09/15	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 17	05/27/15	NS	-	-	-
MW - 17	08/03/15	NS	-	-	-
MW - 17	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 17	02/24/16	NS	-	-	-
MW - 17	06/07/16	NS	-	-	-
MW - 17	08/03/16	NS	-	-	-
MW - 17	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 17	03/01/17	NS	-	-	-
MW - 17	05/23/17	NS	-	-	-
MW - 17	08/17/17	NS	-	-	-
MW - 17	11/13/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 17	02/08/18	NS	-	-	-
MW - 17	05/22/18	NS	-	-	-
MW - 17	08/08/18	NS	-	-	-
MW - 17	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 17	02/12/19	NS	-	-	-
MW - 17	05/07/19	NS	-	-	-
MW - 17	08/07/19	NS	-	-	-
MW - 17	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	03/04/20	NS	-	-	-
MW - 17	06/17/20	NS	-	-	-
MW - 17	08/12/20	NS	-	-	-
MW - 17	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	02/10/21	NS	-	-	-
MW - 17	06/09/21	NS	-	-	-
MW - 17	09/23/21	NS	-	-	-
MW - 17	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	03/16/22	NS	-	-	-
MW - 17	05/09/22	NS	-	-	-
MW - 17	08/16/22	NS	-	-	-
MW - 17	11/09/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	03/02/23	NS	-	-	-
MW - 17	05/11/23	NS	-	-	-
MW - 17	08/16/23	NS	-	-	-
MW - 17	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 17	02/27/24	NS	-	-	-
MW - 17	06/17/24	NS	-	-	-
MW - 17	09/23/24	NS	-	-	-
MW - 17	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 18	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 18	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 18	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 18	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 18	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 18	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 18	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 18	12/02/04	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 18	03/08/05	NS	-	-	-
MW - 18	06/08/05	NS	-	-	-
MW - 18	09/16/05	NS	-	-	-
MW - 18	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 18	03/16/06	NS	-	-	-
MW - 18	06/15/06	NS	-	-	-
MW - 18	09/30/06	NS	-	-	-
MW - 18	12/01/06	<0.01	<0.01	<0.01	<0.01
MW - 18	02/27/07	NS	-	-	-
MW - 18	05/22/07	NS	-	-	-
MW - 18	08/15/07	NS	-	-	-
MW - 18	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 18	02/12/08	NS	-	-	-
MW - 18	05/13/08	NS	-	-	-
MW - 18	08/14/08	NS	-	-	-
MW - 18	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 18	02/10/09	NS	-	-	-
MW - 18	05/12/09	NS	-	-	-
MW - 18	08/10/09	NS	-	-	-
MW - 18	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 18	02/09/10	NS	-	-	-
MW - 18	05/13/10	NS	-	-	-
MW - 18	08/11/10	NS	-	-	-
MW - 18	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 18	02/16/11	NS	-	-	-
MW - 18	05/19/11	NS	-	-	-
MW - 18	08/10/11	NS	-	-	-
MW - 18	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 18	02/29/12	NS	-	-	-
MW - 18	05/02/12	NS	-	-	-
MW - 18	08/10/12	NS	-	-	-
MW - 18	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 18	02/13/13	NS	-	-	-
MW - 18	05/22/13	NS	-	-	-
MW - 18	08/13/13	NS	-	-	-
MW - 18	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 18	02/04/14	NS	-	-	-
MW - 18	05/14/14	NS	-	-	-
MW - 18	08/05/14	NS	-	-	-
MW - 18	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 18	02/09/15	NS	-	-	-
MW - 18	05/27/15	NS	-	-	-
MW - 18	08/03/15	NS	-	-	-
MW - 18	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 18	02/24/16	NS	-	-	-
MW - 18	06/07/16	NS	-	-	-
MW - 18	08/03/16	NS	-	-	-
MW - 18	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 18	03/01/17	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 18	05/23/17	NS	-	-	-
MW - 18	08/17/17	NS	-	-	-
MW - 18	11/14/17	0.00227	<0.00200	<0.00200	<0.00400
MW - 18	02/08/18	NS	-	-	-
MW - 18	05/22/18	NS	-	-	-
MW - 18	08/08/18	NS	-	-	-
MW - 18	11/13/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 18	02/13/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	05/07/19	NS	-	-	-
MW - 18	08/07/19	NS	-	-	-
MW - 18	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	03/04/20	NS	-	-	-
MW - 18	06/17/20	NS	-	-	-
MW - 18	08/12/20	NS	-	-	-
MW - 18	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	02/10/21	NS	-	-	-
MW - 18	06/09/21	NS	-	-	-
MW - 18	09/23/21	NS	-	-	-
MW - 18	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	03/16/22	NS	-	-	-
MW - 18	05/09/22	NS	-	-	-
MW - 18	08/16/22	NS	-	-	-
MW - 18	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	03/02/23	NS	-	-	-
MW - 18	05/11/23	NS	-	-	-
MW - 18	08/16/23	NS	-	-	-
MW - 18	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 18	02/27/24	NS	-	-	-
MW - 18	06/17/24	NS	-	-	-
MW - 18	09/23/24	NS	-	-	-
MW - 18	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 19	03/08/05	PSH	-	-	-
MW - 19	06/08/05	**0.2720**	<0.05	0.1100	<0.05
MW - 19	09/16/05	PSH	-	-	-
MW - 19	12/12/05	PSH	-	-	-
MW - 19	03/16/06	PSH	-	-	-
MW - 19	06/15/06	PSH	-	-	-
MW - 19	09/30/06	PSH	-	-	-
MW - 19	12/01/06	PSH	-	-	-
MW - 19	02/27/07	PSH	-	-	-
MW - 19	05/22/07	PSH	-	-	-
MW - 19	08/15/07	PSH	-	-	-
MW - 19	11/06/07	PSH	-	-	-
MW - 19	02/12/08	PSH	-	-	-
MW - 19	05/13/08	PSH	-	-	-
MW - 19	08/14/08	PSH	-	-	-
MW - 19	11/12/08	NS	-	-	-
MW - 19	02/10/09	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 19	05/12/09	PSH	-	-	-
MW - 19	08/10/09	PSH	-	-	-
MW - 19	11/18/09	**0.2360**	<0.010	0.0320	0.0296
MW - 19	02/09/10	**0.2630**	<0.010	0.0546	0.0714
MW - 19	05/13/10	**0.1920**	<0.001	0.0455	0.0768
MW - 19	08/11/10	**0.1340**	<0.100	<0.100	0.1050
MW - 19	11/11/10	**0.4740**	<0.100	<0.100	<0.100
MW - 19	02/16/11	**0.6910**	<0.100	<0.100	<0.100
MW - 19	05/19/11	**1.1500**	<0.100	0.5160	**1.5900**
MW - 19	08/10/11	**0.2940**	<0.100	0.0398	0.0435
MW - 19	11/16/11	**0.3180**	<0.001	0.0460	0.0510
MW - 19	02/29/12	**0.3070**	<0.001	0.0515	0.0635
MW - 19	05/02/12	**0.2550**	<0.001	0.0404	0.0471
MW - 19	08/10/12	PSH	-	-	-
MW - 19	12/06/12	PSH	-	-	-
MW - 19	02/13/13	PSH	-	-	-
MW - 19	05/22/13	PSH	-	-	-
MW - 19	08/13/13	**0.263**	<0.00100	0.0464	0.0808
MW - 19	11/21/13	PSH	-	-	-
MW - 19	02/04/14	PSH	-	-	-
MW - 19	05/14/14	PSH	-	-	-
MW - 19	08/05/14	PSH	-	-	-
MW - 19	11/20/14	**0.366**	<0.0500	<0.0500	<0.0500
MW - 19	02/09/15	**0.205**	<0.0500	<0.0500	<0.0500
MW - 19	05/27/15	**0.217**	<0.0500	<0.0500	<0.0500
MW - 19	08/03/15	**0.202**	<0.0500	<0.0500	<0.0500
MW - 19	11/19/15	**0.236**	<0.00100	0.0440	0.0165
MW - 19	02/24/16	**0.256**	<0.00100	0.0364	0.0155
MW - 19	06/07/16	**0.239**	<0.00100	0.0389	0.00480
MW - 19	08/03/16	**0.205**	<0.0500	<0.0500	<0.0500
MW - 19	11/08/16	**0.139**	<0.0500	<0.0500	<0.0500
MW - 19	03/01/17	**0.147**	0.00586	0.0260	0.0411
MW - 19	05/23/17	**0.295**	0.00361	0.0470	0.0147
MW - 19	08/17/17	**0.390**	0.00302	0.0523	0.03216
MW - 19	11/14/17	**0.209**	<0.00200	0.0283	0.0107
MW - 19	02/08/18	**0.213**	0.0168	0.0303	0.0519
MW - 19	05/22/18	**0.191**	<0.0100	0.0254	0.0244
MW - 19	08/08/18	**0.184**	<0.0100	0.0202	0.0199
MW - 19	11/13/18	**0.197**	<0.0100	0.0277	0.0478
MW - 19	02/12/19	**0.128**	0.00152	0.0176	0.01129
MW - 19	05/08/19	**0.157**	<0.00100	0.0202	0.02512
MW - 19	08/08/19	**0.154**	0.00445	0.0282	0.0708
MW - 19	11/13/19	**0.0923**	0.00204	0.0222	0.0389
MW - 19	03/05/20	**0.185**	0.0290	0.0584	0.233
MW - 19	06/18/20	**0.158**	0.0310	0.0569	0.1725
MW - 19	08/12/20	PSH	-	-	-
MW - 19	12/10/20	**0.208**	0.0578	0.240	0.1428
MW - 19	02/11/21	**0.133**	0.0311	0.0492	0.0544
MW - 19	06/11/21	**0.207**	0.0211	0.0298	0.0903

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 19	09/23/21	**0.184**	0.0237	0.0297	0.1047
MW - 19	12/07/21	**0.178**	0.00177	0.00451	<0.00200
MW - 19	03/15/22	**0.195**	0.00156	0.00811	0.0112
MW - 19	05/11/22	**0.178**	0.00297	0.00862	0.0151
MW - 19	08/17/22	**0.122**	0.00140	0.00211	<0.00200
MW - 19	11/10/22	**0.150**	<0.00100	0.00613	0.00206
MW - 19	02/28/23	**0.196**	0.00153	0.00448	0.0130
MW - 19	05/11/23	**0.197**	0.00227	0.00567	<0.00200
MW - 19	08/17/23	**0.128**	0.00132	0.00279	<0.00200
MW - 19	12/14/23	**0.116**	<0.00100	0.00357	0.00562
MW - 19	02/28/24	**0.160**	0.00105	0.00372	<0.00200
MW - 19	06/18/24	**0.848**	<0.00100	0.0110	0.00488
MW - 19	09/25/24	**0.115**	0.00421	0.0151	0.0548
MW - 19	12/11/24	**0.114**	<0.00100	0.00354	<0.00200
MW - 20	06/20/02	**0.1340**	<0.001	0.0170	0.0060
MW - 20	09/26/02	**0.6150**	<0.001	0.1720	0.0020
MW - 20	11/12/02	**0.5020**	<0.001	0.1360	0.0030
MW - 20	02/12/03	**0.4710**	<0.001	0.1650	<0.001
MW - 20	05/14/03	**0.4100**	<0.001	0.1280	0.0030
MW - 20	08/21/03	**0.2950**	<0.001	0.1340	0.0070
MW - 20	12/10/03	**0.0610**	<0.001	0.0620	<0.002
MW - 20	02/11/04	**0.4590**	<0.001	0.1590	0.0040
MW - 20	05/11/04	**0.3020**	<0.001	0.1270	<0.002
MW - 20	08/25/04	**1.9600**	<0.001	0.1440	0.0052
MW - 20	12/03/04	**0.2570**	<0.005	0.0760	<0.005
MW - 20	03/08/05	<0.1	<0.1	<0.1	<0.1
MW - 20	06/08/05	**0.1560**	<0.05	<0.05	<0.05
MW - 20	09/16/05	**0.0488**	<0.001	0.0250	<0.001
MW - 20	12/12/05	**0.0615**	<0.01	0.0293	<0.01
MW - 20	03/16/06	**0.1000**	<0.005	0.0232	<0.005
MW - 20	06/15/06	**0.0808**	<0.02	0.0343	<0.02
MW - 20	09/30/06	<0.001	<0.001	0.0056	0.0109
MW - 20	12/01/06	**0.2920**	<0.01	0.1240	<0.01
MW - 20	02/27/07	<0.02	<0.02	0.0745	<0.02
MW - 20	05/22/07	**0.0284**	<0.005	<0.005	<0.005
MW - 20	08/15/07	**0.3540**	<0.1	<0.1	<0.1
MW - 20	11/06/07	**0.1690**	<0.02	<0.02	<0.02
MW - 20	02/12/08	**0.2010**	<0.005	0.0204	<0.005
MW - 20	05/13/08	**0.4700**	<0.005	0.0251	<0.005
MW - 20	08/14/08	**0.5350**	<0.005	<0.005	<0.005
MW - 20	11/12/08	**0.3060**	<0.005	0.0177	<0.005
MW - 20	02/10/09	**0.2000**	<0.005	**0.0194**	<0.005
MW - 20	05/12/09	**0.1240**	<0.005	**0.0332**	<0.005
MW - 20	08/10/09	**0.1490**	<0.001	<0.001	<0.001
MW - 20	11/18/09	**0.0758**	<0.001	<0.001	<0.001
MW - 20	02/09/10	**0.0952**	<0.001	<0.001	0.0039
MW - 20	05/13/10	**0.0508**	<0.001	0.0023	0.0093
MW - 20	08/11/10	<0.0100	<0.0100	<0.0100	<0.0100

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 20	11/11/10	<0.0500	<0.0500	<0.0500	<0.0500
MW - 20	02/16/11	0.1030	<0.001	<0.001	0.0186
MW - 20	05/19/11	**0.0512**	<0.001	<0.001	0.0158
MW - 20	08/10/11	**0.0298**	<0.001	<0.001	0.0120
MW - 20	11/16/11	**0.0728**	<0.001	<0.001	<0.001
MW - 20	02/29/12	**0.0235**	<0.001	<0.001	0.0246
MW - 20	05/02/12	**0.0245**	<0.001	<0.001	<0.001
MW - 20	08/10/12	NS	-	-	-
MW - 20	12/06/12	**0.0136**	<0.001	<0.001	<0.001
MW - 20	02/13/13	<0.0100	<0.0100	<0.0100	<0.0100
MW - 20	05/22/13	0.0072	<0.001	<0.001	<0.001
MW - 20	08/13/13	<0.00500	<0.00500	<0.00500	<0.00500
MW - 20	11/21/13	0.00790	<0.00500	<0.00500	<0.0150
MW - 20	02/04/14	**0.01270**	<0.00100	<0.00100	<0.00300
MW - 20	05/14/14	**0.0123**	<0.00100	<0.00100	<0.00300
MW - 20	08/05/14	<0.00500	<0.00500	<0.00500	<0.00500
MW - 20	11/20/14	0.0042	<0.00100	<0.00100	<0.00100
MW - 20	02/09/15	0.00400	<0.00100	0.00140	0.00120
MW - 20	05/27/15	<0.0200	<0.0200	<0.0200	0.0265
MW - 20	08/03/15	<0.00500	<0.00500	<0.00500	<0.00500
MW - 20	11/18/15	0.00220	<0.00100	<0.00100	0.00370
MW - 20	02/24/16	0.00140	<0.00100	0.00150	<0.00100
MW - 20	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 20	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 20	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 20	03/01/17	0.00553	<0.00200	<0.00200	<0.00200
MW - 20	05/23/17	**0.0128**	<0.00200	<0.00200	<0.00400
MW - 20	08/17/17	**0.0177**	<0.00200	<0.00200	<0.00400
MW - 20	11/14/17	0.00410	0.00301	<0.00200	<0.00400
MW - 20	02/08/18	**0.0134**	<0.00200	<0.00200	0.00887
MW - 20	05/21/18	0.00150	<0.0100	0.0150	<0.0200
MW - 20	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 20	11/12/18	0.00221	<0.0100	<0.00500	<0.0200
MW - 20	02/13/19	<0.00100	<0.00100	0.00521	0.00424
MW - 20	05/08/19	<0.00100	<0.00100	0.00872	0.0105
MW - 20	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	03/04/20	<0.00100	<0.00100	0.00507	0.00211
MW - 20	06/18/20	<0.00100	<0.00500	<0.00500	<0.00500
MW - 20	08/13/20	<0.00100	0.00102	<0.00100	<0.00200
MW - 20	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	02/11/21	<0.00100	0.00149	<0.00100	<0.00200
MW - 20	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	09/23/21	<0.00100	<0.00100	<0.00100	0.00345
MW - 20	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	03/16/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	05/11/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	08/18/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	11/10/22	<0.00100	<0.00100	<0.00100	0.00542

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 20	03/02/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	08/17/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	02/27/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	09/24/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 20	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	06/20/02	**0.0370**	<0.001	0.0010	0.0020
MW - 21	09/26/02	**0.1560**	<0.001	0.0540	<0.001
MW - 21	11/12/02	**0.0820**	<0.001	0.0650	0.0030
MW - 21	02/12/03	**0.0780**	<0.001	0.0720	0.0030
MW - 21	05/14/03	**0.0860**	<0.001	0.0720	0.0040
MW - 21	08/21/03	**0.1040**	<0.001	0.0740	0.0040
MW - 21	12/10/03	**0.0880**	<0.001	0.0380	<0.002
MW - 21	02/11/04	**0.0720**	<0.001	0.0410	<0.002
MW - 21	05/11/04	**0.0845**	<0.001	0.0449	<0.002
MW - 21	08/25/04	**0.1080**	<0.001	0.0214	<0.002
MW - 21	12/02/04	**0.0533**	<0.005	<0.005	0.0070
MW - 21	03/08/05	<0.1	<0.1	<0.1	<0.1
MW - 21	06/08/05	**0.0105**	<0.01	<0.01	<0.01
MW - 21	09/15/05	**0.0186**	<0.001	<0.001	<0.001
MW - 21	12/12/05	0.0082	<0.001	<0.001	0.0059
MW - 21	03/16/06	NS	-	-	-
MW - 21	06/15/06	<0.02	<0.02	<0.02	<0.02
MW - 21	09/30/06	0.0059	<0.005	<0.005	0.0107
MW - 21	12/01/06	**0.3280**	<0.01	0.1130	<0.01
MW - 21	02/27/07	<0.02	<0.02	<0.02	<0.02
MW - 21	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 21	08/15/07	<0.01	<0.01	<0.01	<0.01
MW - 21	11/06/07	<0.001	<0.001	<0.001	0.0014
MW - 21	02/12/08	0.0017	<0.001	0.0022	0.0010
MW - 21	05/13/08	0.0024	<0.001	0.0017	<0.001
MW - 21	08/14/08	0.0038	<0.001	0.0040	0.0072
MW - 21	11/12/08	0.0054	<0.001	<0.001	0.0073
MW - 21	02/10/09	<0.005	<0.005	<0.005	<0.005
MW - 21	05/12/09	<0.001	<0.001	<0.001	0.0134
MW - 21	08/10/09	0.0073	<0.001	<0.001	0.0077
MW - 21	11/18/09	0.0068	<0.001	0.0019	<0.001
MW - 21	02/09/10	0.0097	<0.001	<0.001	0.0035
MW - 21	05/13/10	0.0054	<0.001	<0.001	0.0113
MW - 21	08/11/10	<0.001	<0.001	<0.001	<0.001
MW - 21	11/11/10	<0.0500	<0.0500	<0.0500	<0.0500
MW - 21	02/16/11	<0.001	<0.001	<0.001	0.0216
MW - 21	05/19/11	**0.0184**	<0.001	<0.001	0.0156
MW - 21	08/10/11	0.0071	<0.001	<0.001	<0.001
MW - 21	11/16/11	0.0040	<0.001	<0.001	<0.001
MW - 21	02/29/12	**0.0146**	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 21	05/02/12	**0.0148**	<0.001	<0.001	<0.001
MW - 21	08/10/12	NS	-	-	-
MW - 21	12/06/12	<0.005	<0.005	<0.005	<0.005
MW - 21	02/13/13	<0.005	<0.005	<0.005	<0.005
MW - 21	05/22/13	0.0072	<0.00100	<0.00100	0.0116
MW - 21	08/13/13	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	11/21/13	0.00650	<0.00500	<0.00500	<0.0150
MW - 21	02/04/14	0.00570	<0.00100	<0.00100	<0.00300
MW - 21	05/14/14	0.00180	<0.00100	<0.00100	<0.00300
MW - 21	08/05/14	<0.0100	<0.0100	<0.0100	<0.0100
MW - 21	11/20/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	02/09/15	0.00110	<0.00100	<0.00100	<0.00100
MW - 21	05/27/15	<0.0200	<0.0200	<0.0200	<0.0200
MW - 21	08/03/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 21	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 21	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 21	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200
MW - 21	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 21	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 21	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 21	02/08/18	<0.00200	<0.00200	<0.00200	<0.00400
MW - 21	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 21	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 21	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 21	02/12/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	03/04/20	<0.00100	<0.00100	0.00117	<0.00200
MW - 21	06/17/20	NS	-	-	-
MW - 21	08/12/20	NS	-	-	-
MW - 21	12/09/20	NS	-	-	-
MW - 21	02/10/21	NS	-	-	-
MW - 21	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	09/23/21	NS	-	-	-
MW - 21	12/06/21	NS	-	-	-
MW - 21	03/16/22	NS	-	-	-
MW - 21	05/09/22	NS	-	-	-
MW - 21	08/18/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	11/09/22	NS	-	-	-
MW - 21	03/02/23	NS	-	-	-
MW - 21	05/11/23	NS	-	-	-
MW - 21	08/16/23	NS	-	-	-
MW - 21	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 21	02/27/24	NS	-	-	-
MW - 21	06/17/24	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 21	09/23/24	NS	-	-	-
MW - 21	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	06/20/02	<0.001	0.002	<0.001	<0.001
MW - 22	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 22	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 22	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 22	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 22	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 22	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 22	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 22	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 22	03/08/05	NS	-	-	-
MW - 22	06/08/05	<0.005	<0.005	<0.005	<0.005
MW - 22	09/15/05	NS	-	-	-
MW - 22	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 22	03/16/06	NS	-	-	-
MW - 22	06/15/06	0.0010	<0.001	<0.001	0.0011
MW - 22	09/30/06	NS	-	-	-
MW - 22	12/01/06	**0.3120**	<0.01	0.0793	<0.01
MW - 22	02/27/07	<0.005	<0.005	<0.005	<0.005
MW - 22	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 22	08/15/07	NS	-	-	-
MW - 22	11/06/07	0.0029	<0.001	0.0017	0.0046
MW - 22	02/12/08	NS	-	-	-
MW - 22	05/13/08	<0.001	<0.001	<0.001	<0.001
MW - 22	08/14/08	NS	-	-	-
MW - 22	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 22	02/10/09	NS	-	-	-
MW - 22	05/12/09	<0.001	<0.001	<0.001	<0.001
MW - 22	08/10/09	NS	-	-	-
MW - 22	11/17/09	<0.001	<0.001	<0.001	0.0012
MW - 22	02/09/10	NS	-	-	-
MW - 22	05/13/10	<0.001	<0.001	<0.001	0.0057
MW - 22	08/11/10	NS	-	-	-
MW - 22	11/11/10	<0.0200	<0.0200	<0.0200	<0.0200
MW - 22	02/16/11	NS	-	-	-
MW - 22	05/19/11	<0.001	<0.001	<0.001	0.0154
MW - 22	08/10/11	NS	-	-	-
MW - 22	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 22	02/29/12	NS	-	-	-
MW - 22	05/02/12	<0.001	<0.001	<0.001	<0.001
MW - 22	08/10/12	NS	-	-	-
MW - 22	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 22	02/13/13	NS	-	-	-
MW - 22	05/22/13	<0.001	<0.001	<0.001	<0.001
MW - 22	08/13/13	NS	-	-	-
MW - 22	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 22	02/04/14	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 22	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 22	08/05/14	NS	-	-	-
MW - 22	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	02/09/15	NS	-	-	-
MW - 22	05/27/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	08/03/15	NS	-	-	-
MW - 22	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	02/24/16	NS	-	-	-
MW - 22	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 22	08/02/16	NS	-	-	-
MW - 22	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 22	03/01/17	NS	-	-	-
MW - 22	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 22	08/17/17	NS	-	-	-
MW - 22	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 22	02/08/18	NS	-	-	-
MW - 22	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 22	08/08/18	NS	-	-	-
MW - 22	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 22	02/12/19	NS	-	-	-
MW - 22	05/07/19	<0.00100	<0.00100	<0.00100	0.0021
MW - 22	08/07/19	NS	-	-	-
MW - 22	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 22	03/04/20	NS	-	-	-
MW - 22	06/17/20	P&A	-	-	-
MW - 23	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 23	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 23	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 23	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 23	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 23	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 23	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 23	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 23	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 23	03/08/05	NS	-	-	-
MW - 23	06/08/05	<0.001	<0.001	<0.001	<0.001
MW - 23	09/15/05	NS	-	-	-
MW - 23	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 23	03/16/06	NS	-	-	-
MW - 23	06/15/06	<0.001	<0.001	<0.001	<0.001
MW - 23	09/30/06	<0.001	<0.001	0.0121	0.0118
MW - 23	12/01/06	**0.0236**	<0.01	0.0745	<0.01
MW - 23	02/27/07	<0.005	<0.005	<0.005	<0.005
MW - 23	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 23	08/15/07	NS	-	-	-
MW - 23	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 23	02/12/08	NS	-	-	-
MW - 23	05/13/08	<0.001	<0.001	<0.001	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		0.01	0.75	0.75	0.62
MW - 23	08/14/08	NS	-	-	-
MW - 23	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 23	02/10/09	NS	-	-	-
MW - 23	05/12/09	<0.001	<0.001	<0.001	<0.001
MW - 23	08/10/09	NS	-	-	-
MW - 23	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 23	02/09/10	NS	-	-	-
MW - 23	05/13/10	<0.001	<0.001	<0.001	<0.001
MW - 23	08/11/10	NS	-	-	-
MW - 23	11/11/10	<0.0200	<0.0200	<0.0200	<0.0200
MW - 23	02/16/11	NS	-	-	-
MW - 23	05/19/11	<0.001	<0.001	<0.001	<0.001
MW - 23	08/10/12	NS	-	-	-
MW - 23	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 23	02/29/12	NS	-	-	-
MW - 23	05/02/12	<0.001	<0.001	<0.001	<0.001
MW - 23	08/10/12	NS	-	-	-
MW - 23	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 23	02/13/13	NS	-	-	-
MW - 23	05/22/13	<0.001	<0.001	<0.001	<0.001
MW - 23	08/13/13	NS	-	-	-
MW - 23	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 23	02/04/14	NS	-	-	-
MW - 23	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 23	08/05/14	NS	-	-	-
MW - 23	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 23	02/09/15	NS	-	-	-
MW - 23	05/27/15	<0.00500	<0.00500	<0.00500	<0.00500
MW - 23	08/03/15	NS	-	-	-
MW - 23	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 23	02/24/16	NS	-	-	-
MW - 23	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 23	08/02/16	NS	-	-	-
MW - 23	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 23	03/01/17	NS	-	-	-
MW - 23	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 23	08/17/17	NS	-	-	-
MW - 23	11/14/17	0.00294	<0.00200	<0.00200	<0.00400
MW - 23	02/08/18	NS	-	-	-
MW - 23	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 23	08/08/18	NS	-	-	-
MW - 23	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 23	02/12/19	NS	-	-	-
MW - 23	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	08/07/19	NS	-	-	-
MW - 23	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/04/20	NS	-	-	-
MW - 23	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500
MW - 23	08/12/20	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 23	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	02/10/21	NS	-	-	-
MW - 23	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	09/23/21	NS	-	-	-
MW - 23	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/16/22	NS	-	-	-
MW - 23	05/11/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	08/16/22	NS	-	-	-
MW - 23	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	03/02/23	NS	-	-	-
MW - 23	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	08/16/23	NS	-	-	-
MW - 23	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	02/27/24	NS	-	-	-
MW - 23	02/27/24	NS	-	-	-
MW-23	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 23	09/23/24	NS	-	-	-
MW - 23	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 24	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 24	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 24	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 24	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 24	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 24	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 24	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 24	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 24	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 24	03/08/05	NS	-	-	-
MW - 24	06/08/05	<0.001	<0.001	<0.001	
MW - 24	09/15/05	NS	-	-	-
MW - 24	12/12/05	<0.001	<0.001	<0.001	
MW - 24	03/16/06	NS	-	-	-
MW - 24	06/15/06	NS	-	-	-
MW - 24	09/30/06	NS	-	-	-
MW - 24	12/01/06	<0.01	<0.01	<0.01	
MW - 24	02/27/07	NS	-	-	-
MW - 24	05/22/07	NS	-	-	-
MW - 24	08/15/07	NS	-	-	-
MW - 24	11/06/07	<0.001	<0.001	<0.001	
MW - 24	02/12/08	NS	-	-	-
MW - 24	05/13/08	NS	-	-	-
MW - 24	08/14/08	NS	-	-	-
MW - 24	11/12/08	<0.001	<0.001	<0.001	
MW - 24	02/10/09	NS	-	-	-
MW - 24	05/12/09	NS	-	-	-
MW - 24	08/10/09	NS	-	-	-
MW - 24	11/17/09	<0.001	<0.001	<0.001	
MW - 24	02/09/10	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 24	05/13/10	NS	-	-	-
MW - 24	08/11/10	NS	-	-	-
MW - 24	11/11/10	<0.001	<0.001	<0.001	
MW - 24	02/16/11	NS	-	-	-
MW - 24	05/19/11	NS	-	-	-
MW - 24	08/10/11	NS	-	-	-
MW - 24	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 24	02/29/12	NS	-	-	-
MW - 24	05/02/12	NS	-	-	-
MW - 24	08/10/12	NS	-	-	-
MW - 24	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 24	02/13/13	NS	-	-	-
MW - 24	05/22/13	NS	-	-	-
MW - 24	08/13/13	NS	-	-	-
MW - 24	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 24	02/04/14	NS	-	-	-
MW - 24	05/14/14	NS	-	-	-
MW - 24	08/05/14	NS	-	-	-
MW - 24	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 24	02/09/15	NS	-	-	-
MW - 24	05/27/15	NS	-	-	-
MW - 24	08/03/15	NS	-	-	-
MW - 24	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 24	02/24/16	NS	-	-	-
MW - 24	06/07/16	NS	-	-	-
MW - 24	08/02/16	NS	-	-	-
MW - 24	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 24	03/01/17	NS	-	-	-
MW - 24	05/23/17	NS	-	-	-
MW - 24	08/17/17	NS	-	-	-
MW - 24	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 24	02/08/18	NS	-	-	-
MW - 24	05/21/18	NS	-	-	-
MW - 24	08/08/18	NS	-	-	-
MW - 24	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 24	02/12/19	NS	-	-	-
MW - 24	05/07/19	NS	-	-	-
MW - 24	08/07/19	NS	-	-	-
MW - 24	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 24	03/04/20	NS	-	-	-
MW - 24	06/17/20	P&A	-	-	-
MW - 25	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 25	09/26/02	<0.01	<0.01	<0.01	<0.01
MW - 25	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 25	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 25	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 25	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 25	12/10/03	<0.001	<0.001	<0.001	<0.002

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 25	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 25	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 25	03/08/05	NS	-	-	-
MW - 25	06/08/05	<0.001	<0.001	<0.001	<0.001
MW - 25	09/15/05	NS	-	-	-
MW - 25	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 25	03/16/06	NS	-	-	-
MW - 25	06/15/06	<0.001	<0.001	<0.001	<0.001
MW - 25	09/30/06	NS	-	-	-
MW - 25	12/01/06	<0.005	<0.005	<0.005	<0.005
MW - 25	02/27/07	NS	-	-	-
MW - 25	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 25	08/15/07	NS	-	-	-
MW - 25	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 25	02/12/08	NS	-	-	-
MW - 25	05/13/08	<0.001	<0.001	<0.001	<0.001
MW - 25	08/14/08	NS	-	-	-
MW - 25	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 25	02/10/09	NS	-	-	-
MW - 25	05/12/09	<0.001	<0.001	<0.001	<0.001
MW - 25	08/10/09	NS	-	-	-
MW - 25	11/17/09	<0.001	<0.001	<0.001	<0.001
MW - 25	02/09/10	NS	-	-	-
MW - 25	05/13/10	<0.001	<0.001	<0.001	<0.001
MW - 25	08/11/10	NS	-	-	-
MW - 25	11/11/10	<0.005	<0.005	<0.005	<0.005
MW - 25	02/16/11	NS	-	-	-
MW - 25	05/19/11	<0.001	<0.001	<0.001	<0.001
MW - 25	08/10/11	NS	-	-	-
MW - 25	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 25	02/29/12	NS	-	-	-
MW - 25	05/02/12	<0.001	<0.001	<0.001	<0.001
MW - 25	08/10/12	NS	-	-	-
MW - 25	12/07/12	<0.001	<0.001	<0.001	<0.001
MW - 25	02/13/13	NS	-	-	-
MW - 25	05/22/13	<0.001	<0.001	<0.001	<0.001
MW - 25	08/13/13	NS	-	-	-
MW - 25	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 25	02/04/14	NS	-	-	-
MW - 25	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 25	08/05/14	NS	-	-	-
MW - 25	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 25	02/09/15	NS	-	-	-
MW - 25	05/27/15	<0.00500	<0.00500	<0.00500	<0.00500
MW - 25	08/03/15	NS	-	-	-
MW - 25	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 25	02/24/16	NS	-	-	-
MW - 25	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 25	08/02/16	NS	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 25	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 25	03/01/17	NS	-	-	-
MW - 25	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 25	08/17/17	NS	-	-	-
MW - 25	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 25	02/08/18	NS	-	-	-
MW - 25	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 25	08/08/18	NS	-	-	-
MW - 25	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 25	02/12/19	NS	-	-	-
MW - 25	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	08/07/19	NS	-	-	-
MW - 25	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	03/04/20	NS	-	-	-
MW - 25	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500
MW - 25	08/12/20	NS	-	-	-
MW - 25	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	02/10/21	NS	-	-	-
MW - 25	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	09/23/21	NS	-	-	-
MW - 25	12/07/21	<0.00100	<0.00100	<0.00100	
MW - 25	03/15/22	<0.00100	<0.00100	<0.00100	
MW - 25	05/10/22	<0.00100	<0.00100	<0.00100	
MW - 25	08/17/22	0.00120	0.00207	<0.00100	
MW - 25	11/09/22	<0.00100	<0.00100	<0.00100	
MW - 25	02/28/23	<0.00100	<0.00100	<0.00100	
MW - 25	05/11/23	<0.00100	<0.00100	<0.00100	
MW - 25	08/17/23	<0.00100	<0.00100	<0.00100	
MW - 25	12/14/23	<0.00100	<0.00100	<0.00100	
MW - 25	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	06/18/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	09/25/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 25	12/11/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	06/20/02	**0.0650**	<0.001	0.0100	0.0040
MW - 26	09/26/02	**0.1410**	<0.001	0.0260	<0.001
MW - 26	11/12/02	**0.0850**	<0.001	0.0220	<0.001
MW - 26	02/12/03	**0.0340**	<0.001	0.0170	<0.001
MW - 26	05/14/03	**0.0550**	<0.001	0.0200	0.0010
MW - 26	08/21/03	**0.0420**	<0.001	0.0240	<0.001
MW - 26	12/10/03	**0.0400**	<0.001	0.0140	<0.002
MW - 26	02/11/04	**0.0970**	<0.001	0.0230	<0.002
MW - 26	05/11/04	**0.0493**	<0.001	0.0124	<0.002
MW - 26	08/25/04	**0.0119**	<0.001	0.0024	<0.002
MW - 26	12/03/04	**0.0322**	<0.001	0.0137	0.0071
MW - 26	03/08/05	<0.05	<0.05	<0.05	<0.05
MW - 26	06/08/05	<0.005	<0.005	<0.005	<0.005
MW - 26	09/15/05	0.0048	<0.001	0.0055	<0.001
MW - 26	12/12/05	0.0038	<0.001	0.0034	<0.001

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 26	03/16/06	NS	-	-	-
MW - 26	06/15/06	0.0061	<0.001	0.0032	0.0070
MW - 26	09/30/06	<0.001	<0.001	0.0083	0.0130
MW - 26	12/01/06	**0.3240**	<0.001	0.1190	<0.001
MW - 26	02/27/07	<0.02	<0.02	<0.02	<0.02
MW - 26	05/22/07	<0.005	<0.005	<0.005	<0.005
MW - 26	08/15/07	<0.1	<0.1	<0.1	<0.1
MW - 26	11/06/07	0.0020	<0.001	0.0011	0.0082
MW - 26	02/12/08	0.0047	<0.001	0.0067	0.0082
MW - 26	05/13/08	0.0063	<0.001	0.0020	<0.001
MW - 26	08/14/08	0.0050	<0.001	0.0022	0.0065
MW - 26	11/12/08	0.0071	<0.001	<0.001	0.0050
MW - 26	02/10/09	NS	-	-	-
MW - 26	05/12/09	0.0073	<0.001	0.0060	<0.001
MW - 26	08/10/09	0.0078	<0.001	0.0045	0.0940
MW - 26	11/18/09	0.0022	<0.001	<0.001	<0.001
MW - 26	02/09/10	0.0044	<0.001	<0.001	0.0040
MW - 26	05/13/10	0.0049	<0.001	0.0022	0.0110
MW - 26	08/11/10	<0.001	<0.001	<0.001	<0.001
MW - 26	11/11/10	<0.005	<0.005	<0.005	<0.005
MW - 26	02/16/11	0.0084	<0.001	<0.001	0.0254
MW - 26	05/19/11	**0.0114**	<0.001	<0.001	0.0158
MW - 26	08/10/11	0.0050	<0.001	<0.001	<0.001
MW - 26	11/16/11	0.0025	<0.001	<0.001	<0.001
MW - 26	02/29/12	0.0086	<0.001	<0.001	<0.001
MW - 26	05/02/12	0.0051	<0.001	<0.001	<0.001
MW - 26	08/10/12	NS	-	-	-
MW - 26	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 26	02/13/13	<0.001	<0.001	<0.001	<0.001
MW - 26	05/22/13	<0.001	<0.001	<0.001	<0.001
MW - 26	08/13/13	<0.0100	<0.0100	<0.0100	<0.0100
MW - 26	11/21/13	0.00190	<0.00100	<0.00100	0.00310
MW - 26	02/04/14	0.00280	<0.00100	<0.00100	0.00720
MW - 26	05/14/14	<0.00100	<0.00100	<0.00100	<0.00300
MW - 26	08/05/14	<0.00500	<0.00500	<0.00500	<0.00500
MW - 26	11/20/14	0.00430	<0.00100	<0.00100	<0.00100
MW - 26	02/09/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 26	05/27/15	<0.0200	<0.0200	<0.0200	<0.0200
MW - 26	08/03/15	<0.00500	<0.00500	<0.00500	<0.00500
MW - 26	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 26	02/24/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 26	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 26	08/02/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 26	11/08/16	<0.0100	<0.0100	<0.0100	<0.0100
MW - 26	03/01/17	<0.00200	<0.00200	<0.00200	<0.00200
MW - 26	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 26	08/17/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 26	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 26	02/08/18	<0.00200	<0.00200	<0.00200	<0.00200

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 26	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 26	08/08/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 26	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 26	02/12/19	<0.00100	<0.00100	0.00167	0.00205
MW - 26	05/08/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	08/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	03/04/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	06/17/20	NS	-	-	-
MW - 26	08/12/20	NS	-	-	-
MW - 26	12/09/20	NS	-	-	-
MW - 26	02/10/21	NS	-	-	-
MW - 26	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	09/23/21	NS	-	-	-
MW - 26	12/06/21	NS	-	-	-
MW - 26	03/16/22	NS	-	-	-
MW - 26	05/09/22	NS	-	-	-
MW - 26	08/18/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	11/09/22	NS	-	-	-
MW - 26	03/02/23	NS	-	-	-
MW - 26	05/11/23	NS	-	-	-
MW - 26	08/16/23	NS	-	-	-
MW - 26	12/13/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 26	02/27/24	NS	-	-	-
MW - 26	06/17/24	NS	-	-	-
MW - 26	09/23/24	NS	-	-	-
MW - 26	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	06/20/02	0.0020	<0.001	0.0040	<0.001
MW - 27	09/26/02	0.0010	<0.001	0.0050	<0.001
MW - 27	11/12/02	0.0020	<0.001	0.0070	<0.001
MW - 27	02/12/03	0.0020	<0.001	0.0060	<0.001
MW - 27	05/14/03	0.0010	<0.001	0.0080	<0.001
MW - 27	08/21/03	0.0020	<0.001	0.0100	0.0010
MW - 27	12/10/03	0.0030	<0.001	0.0070	<0.002
MW - 27	02/11/04	0.0019	<0.001	0.0074	<0.002
MW - 27	12/03/04	<0.001	<0.001	0.0021	0.0030
MW - 27	03/08/05	NS	-	-	-
MW - 27	06/08/05	0.0010	<0.001	0.0031	
MW - 27	09/15/05	NS	-	-	-
MW - 27	12/12/05	<0.001	<0.001	0.0037	
MW - 27	03/16/06	NS	-	-	-
MW - 27	06/15/06	<0.001	<0.001	0.0010	
MW - 27	09/30/06	NS	-	-	-
MW - 27	12/01/06	<0.01	<0.01	<0.01	
MW - 27	02/27/07	NS	-	-	-
MW - 27	05/22/07	<0.005	<0.005	<0.005	
MW - 27	08/15/07	NS	-	-	-
MW - 27	11/06/07	<0.001	<0.001	<0.001	

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 27	02/12/08	NS	-	-	-
MW - 27	05/13/08	0.0011	<0.001	<0.001	
MW - 27	08/14/08	NS	-	-	-
MW - 27	11/12/08	0.0011	<0.001	<0.001	
MW - 27	02/10/09	<0.005	<0.005	<0.005	
MW - 27	05/12/09	<0.001	<0.001	<0.001	
MW - 27	08/10/09	NS	-	-	-
MW - 27	11/17/09	<0.001	<0.001	<0.001	
MW - 27	02/09/10	NS	-	-	-
MW - 27	05/13/10	<0.001	<0.001	<0.001	
MW - 27	08/11/10	NS	-	-	-
MW - 27	11/11/10	<0.0100	<0.0100	<0.0100	
MW - 27	02/16/11	NS	-	-	-
MW - 27	05/19/11	<0.001	<0.001	<0.001	
MW - 27	08/10/11	NS	-	-	-
MW - 27	11/16/11	<0.001	<0.001	<0.001	
MW - 27	02/29/12	NS	-	-	-
MW - 27	05/02/12	<0.001	<0.001	<0.001	
MW - 27	08/10/12	NS	-	-	-
MW - 27	12/06/12	<0.001	<0.001	<0.001	
MW - 27	02/13/13	NS	-	-	-
MW - 27	05/22/13	<0.001	<0.001	<0.001	
MW - 27	08/13/13	NS	-	-	-
MW - 27	11/21/13	<0.001	<0.001	<0.001	
MW - 27	02/04/14	NS	-	-	-
MW - 27	05/14/14	<0.00100	<0.00100	<0.00100	
MW - 27	08/05/14	NS	-	-	-
MW - 27	11/19/14	<0.00100	<0.00100	<0.00100	
MW - 27	02/09/15	NS	-	-	-
MW - 27	05/27/15	<0.00100	<0.00100	<0.00100	
MW - 27	08/03/15	NS	-	-	-
MW - 27	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	02/24/16	NS	-	-	-
MW - 27	06/07/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 27	08/02/16	NS	-	-	-
MW - 27	11/08/16	<0.00500	<0.00500	<0.00500	<0.00500
MW - 27	03/01/17	NS	-	-	-
MW - 27	05/23/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 27	08/17/17	NS	-	-	-
MW - 27	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 27	02/08/18	NS	-	-	-
MW - 27	05/21/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 27	08/08/18	NS	-	-	-
MW - 27	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 27	02/12/19	NS	-	-	-
MW - 27	05/07/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	08/07/19	NS	-	-	-
MW - 27	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/04/20	NS	-	-	-

TABLE 5

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PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 27	06/17/20	<0.00100	<0.00500	<0.00500	<0.00500
MW - 27	08/12/20	NS	-	-	-
MW - 27	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	02/10/21	NS	-	-	-
MW - 27	06/10/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/23/21	NS	-	-	-
MW - 27	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/16/22	NS	-	-	-
MW - 27	05/11/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	08/16/22	NS	-	-	-
MW - 27	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	03/02/23	NS	-	-	-
MW - 27	05/10/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	08/16/23	NS	-	-	-
MW - 27	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	02/27/24	NS	-	-	-
MW - 27	06/17/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 27	09/23/24	NS	-	-	-
MW - 27	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	06/20/02	<0.001	<0.001	<0.001	<0.001
MW - 28	09/26/02	<0.001	<0.001	<0.001	<0.001
MW - 28	11/12/02	<0.001	<0.001	<0.001	<0.001
MW - 28	02/12/03	<0.001	<0.001	<0.001	<0.001
MW - 28	05/14/03	<0.001	<0.001	<0.001	<0.001
MW - 28	08/21/03	<0.001	<0.001	<0.001	<0.001
MW - 28	12/10/03	<0.001	<0.001	<0.001	<0.002
MW - 28	02/11/04	<0.001	<0.001	<0.001	<0.002
MW - 28	12/03/04	<0.001	<0.001	<0.001	<0.001
MW - 28	03/08/05	NS	-	-	-
MW - 28	06/08/05	NS	-	-	-
MW - 28	09/15/05	NS	-	-	-
MW - 28	12/12/05	<0.001	<0.001	<0.001	<0.001
MW - 28	03/16/06	NS	-	-	-
MW - 28	06/15/06	NS	-	-	-
MW - 28	09/30/06	NS	-	-	-
MW - 28	12/01/06	<0.01	<0.01	<0.01	<0.01
MW - 28	02/27/07	NS	-	-	-
MW - 28	05/22/07	NS	-	-	-
MW - 28	08/15/07	NS	-	-	-
MW - 28	11/06/07	<0.001	<0.001	<0.001	<0.001
MW - 28	02/12/08	NS	-	-	-
MW - 28	05/13/08	NS	-	-	-
MW - 28	08/14/08	NS	-	-	-
MW - 28	11/12/08	<0.001	<0.001	<0.001	<0.001
MW - 28	02/10/09	NS	-	-	-
MW - 28	05/12/09	<0.001	<0.001	<0.001	<0.001
MW - 28	08/10/09	NS	-	-	-
MW - 28	11/18/09	<0.001	<0.001	<0.001	<0.001

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 28	02/09/10	NS	-	-	-
MW - 28	05/13/10	NS	-	-	-
MW - 28	08/11/10	NS	-	-	-
MW - 28	11/11/10	<0.001	<0.001	<0.001	<0.001
MW - 28	02/16/11	NS	-	-	-
MW - 28	05/19/11	NS	-	-	-
MW - 28	08/10/11	NS	-	-	-
MW - 28	11/16/11	<0.001	<0.001	<0.001	<0.001
MW - 28	02/29/12	NS	-	-	-
MW - 28	05/02/12	NS	-	-	-
MW - 28	08/10/12	NS	-	-	-
MW - 28	12/06/12	<0.001	<0.001	<0.001	<0.001
MW - 28	02/13/13	NS	-	-	-
MW - 28	05/22/13	NS	-	-	-
MW - 28	08/13/13	NS	-	-	-
MW - 28	11/21/13	<0.001	<0.001	<0.001	<0.00300
MW - 28	02/04/14	NS	-	-	-
MW - 28	05/14/14	NS	-	-	-
MW - 28	08/05/14	NS	-	-	-
MW - 28	11/19/14	<0.00100	<0.00100	<0.00100	<0.00100
MW - 28	02/09/15	NS	-	-	-
MW - 28	05/27/15	NS	-	-	-
MW - 28	08/03/15	NS	-	-	-
MW - 28	11/18/15	<0.00100	<0.00100	<0.00100	<0.00100
MW - 28	02/24/16	NS	-	-	-
MW - 28	06/07/16	NS	-	-	-
MW - 28	08/02/16	NS	-	-	-
MW - 28	11/08/16	<0.00100	<0.00100	<0.00100	<0.00100
MW - 28	03/01/17	NS	-	-	-
MW - 28	05/23/17	NS	-	-	-
MW - 28	08/17/17	NS	-	-	-
MW - 28	11/14/17	<0.00200	<0.00200	<0.00200	<0.00400
MW - 28	02/08/18	NS	-	-	-
MW - 28	05/21/18	NS	-	-	-
MW - 28	08/08/18	NS	-	-	-
MW - 28	11/12/18	<0.00100	<0.0100	<0.00500	<0.0200
MW - 28	02/12/19	NS	-	-	-
MW - 28	05/07/19	NS	-	-	-
MW - 28	08/07/19	NS	-	-	-
MW - 28	11/06/19	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/04/20	NS	-	-	-
MW - 28	06/17/20	NS	-	-	-
MW - 28	08/12/20	NS	-	-	-
MW - 28	12/09/20	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	02/10/21	NS	-	-	-
MW - 28	06/09/21	NS	-	-	-
MW - 28	09/23/21	NS	-	-	-
MW - 28	12/06/21	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/16/22	NS	-	-	-

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
MW - 28	05/09/22	NS	-	-	-
MW - 28	08/16/22	NS	-	-	-
MW - 28	11/10/22	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	03/02/23	NS	-	-	-
MW - 28	05/11/23	NS	-	-	-
MW - 28	08/16/23	NS	-	-	-
MW - 28	12/15/23	<0.00100	<0.00100	<0.00100	<0.00200
MW - 28	02/24/24	NS	-	-	-
MW - 28	06/17/24	NS	-	-	-
MW - 28	09/23/24	NS	-	-	-
MW - 28	12/10/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 1	03/08/05	PSH	-	-	-
RW - 1	06/08/05	PSH	-	-	-
RW - 1	09/15/05	PSH	-	-	-
RW - 1	12/12/05	PSH	-	-	-
RW - 1	03/16/06	PSH	-	-	-
RW - 1	06/15/06	PSH	-	-	-
RW - 1	09/30/06	PSH	-	-	-
RW - 1	12/01/06	PSH	-	-	-
RW - 1	02/27/07	PSH	-	-	-
RW - 1	05/22/07	PSH	-	-	-
RW - 1	08/15/07	PSH	-	-	-
RW - 1	11/06/07	PSH	-	-	-
RW - 1	02/12/08	PSH	-	-	-
RW - 1	05/13/08	PSH	-	-	-
RW - 1	08/14/08	PSH	-	-	-
RW - 1	11/12/08	**0.2180**	0.117	0.0721	0.0853
RW - 1	02/10/09	PSH	-	-	-
RW - 1	05/12/09	PSH	-	-	-
RW - 1	08/10/09	PSH	-	-	-
RW - 1	11/18/09	**0.1820**	<0.010	0.0367	<0.010
RW - 1	02/09/10	**0.2760**	<0.010	0.0546	0.0714
RW - 1	05/13/10	**0.2520**	<0.001	0.0364	<0.001
RW - 1	08/11/10	PSH	-	-	-
RW - 1	11/11/10	PSH	-	-	-
RW - 1	02/16/11	PSH	-	-	-
RW - 1	05/19/11	PSH	-	-	-
RW - 1	08/10/11	PSH	-	-	-
RW - 1	11/16/11	PSH	-	-	-
RW - 1	02/29/12	PSH	-	-	-
RW - 1	05/02/12	**0.3220**	<0.001	<0.001	
RW - 1	08/10/12	NS	-	-	-
RW - 1	12/07/12	PSH	-	-	-
RW - 1	02/13/13	PSH	-	-	-
RW - 1	05/22/13	**0.1470**	<0.00500	<0.00500	<0.00500
RW - 1	08/13/13	**0.110**	<0.00100	0.00950	<0.00100
RW - 1	11/21/13	**<0.0500**	<0.0500	<0.0500	<0.150
RW - 1	02/04/14	**0.0846**	<0.0500	<0.0500	<0.150

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SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 1	05/14/14	**0.0642**	<0.0500	<0.0500	<0.150
RW - 1	08/05/14	**0.0472**	<0.00100	0.00720	0.0035
RW - 1	11/19/14	**0.2350**	<0.0500	<0.0500	<0.0500
RW - 1	02/09/15	**0.0516**	<0.0500	<0.0500	<0.0500
RW - 1	05/27/15	**0.0568**	<0.00100	<0.00100	0.00210
RW - 1	08/03/15	**0.0303**	<0.00100	0.00180	0.00130
RW - 1	11/19/15	**0.0548**	<0.00100	<0.00100	<0.00100
RW - 1	02/24/16	**0.0339**	0.00170	0.00220	0.0139
RW - 1	06/07/16	**0.0237**	0.00170	0.00260	<0.00100
RW - 1	08/03/16	**0.0217**	<0.0100	<0.0100	<0.0100
RW - 1	11/08/16	**0.0228**	<0.00500	<0.00500	<0.00500
RW - 1	03/01/17	**0.0235**	0.00368	<0.00200	0.0601
RW - 1	05/23/17	**0.0769**	0.00289	0.0101	0.0167
RW - 1	08/17/17	**0.0292**	<0.00200	<0.00200	<0.00400
RW - 1	11/14/17	**0.0843**	<0.00200	<0.00200	<0.00400
RW - 1	02/08/18	**0.0631**	0.00220	<0.00200	0.01544
RW - 1	05/22/18	**0.0296**	<0.0100	0.00760	<0.0200
RW - 1	08/08/18	**0.0126**	<0.0100	<0.00500	<0.0200
RW - 1	11/13/18	**0.171**	<0.0500	0.151	0.158
RW - 1	02/13/19	**0.0294**	<0.00500	<0.00500	<0.0100
RW - 1	05/08/19	**0.0212**	<0.00100	0.00473	<0.00200
RW - 1	08/08/19	0.00258	0.00137	0.00417	0.01604
RW - 1	11/06/19	0.00910	<0.00100	<0.00100	<0.00200
RW - 1	03/04/20	**0.0401**	0.00438	0.0122	0.0422
RW - 1	06/18/20	0.00682	<0.00500	0.00587	0.02734
RW - 1	08/13/20	0.00953	0.00356	0.00607	0.02045
RW - 1	12/10/20	0.00742	0.00117	<0.00100	0.00259
RW - 1	02/11/21	0.00977	0.00630	0.0260	0.01389
RW - 1	06/10/21	**0.0116**	0.00619	0.0114	0.02348
RW - 1	09/23/21	0.00369	0.00430	0.00539	0.0261
RW - 1	12/06/21	<0.00100	0.00298	0.00752	0.00365
RW - 1	03/16/22	0.00146	0.00227	0.00402	0.00756
RW - 1	05/11/22	0.00114	0.00120	0.00190	0.00489
RW - 1	08/18/22	0.00379	0.00195	0.00517	0.00334
RW - 1	11/10/22	0.00506	0.00145	0.00282	0.01498
RW - 1	03/02/23	0.00161	0.00244	0.0144	0.01867
RW - 1	05/10/23	0.00248	0.0105	0.0567	0.05489
RW - 1	08/17/23	0.00502	0.00359	0.00413	0.01084
RW - 1	12/15/23	**0.171**	<0.00100	0.0380	0.0162
RW - 1	02/27/24	0.00117	0.00230	0.00301	0.00780
RW - 1	06/18/24	0.00487	0.00255	0.00433	0.00757
RW - 1	09/24/24	0.00206	<0.00100	<0.00100	<0.00200
RW - 1	12/10/24	0.00297	0.00204	0.00535	0.00339
RW - 2	03/08/05	**0.1400**	<0.1	<0.1	<0.1
RW - 2	06/08/05	**0.0178**	<0.01	0.0241	<0.01
RW - 2	09/15/05	PSH	-	-	-
RW - 2	12/12/05	PSH	-	-	-
RW - 2	03/16/06	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 2	06/15/06	PSH	-	-	-
RW - 2	09/30/06	PSH	-	-	-
RW - 2	12/01/06	PSH	-	-	-
RW - 2	02/27/07	PSH	-	-	-
RW - 2	05/22/07	PSH	-	-	-
RW - 2	08/15/07	<0.1	<0.1	<0.1	<0.1
RW - 2	11/06/07	**0.0584**	<0.001	0.0313	0.0170
RW - 2	02/12/08	**0.0559**	<0.005	0.0280	0.0253
RW - 2	05/13/08	**0.0590**	<0.005	0.0161	0.0056
RW - 2	08/14/08	**0.0535**	<0.00100	0.0169	0.0094
RW - 2	11/12/08	**0.0521**	<0.00100	0.0257	<0.010
RW - 2	02/10/09	**0.0507**	<0.001	<0.001	<0.001
RW - 2	05/12/09	**0.0855**	<0.005	0.0417	<0.005
RW - 2	08/10/09	**0.0709**	<0.001	0.0251	0.0199
RW - 2	11/18/09	**0.1460**	<0.001	0.0229	0.0058
RW - 2	02/09/10	**0.1060**	<0.001	0.0201	0.0092
RW - 2	05/13/10	**0.0579**	<0.001	0.0128	<0.001
RW - 2	08/11/10	<0.100	<0.100	<0.100	<0.100
RW - 2	11/11/10	**0.0695**	0.0199	0.0295	<0.005
RW - 2	02/16/11	**0.0531**	<0.005	<0.005	<0.005
RW - 2	05/19/11	**0.0945**	<0.005	0.0320	0.0779
RW - 2	08/10/11	**0.0572**	<0.001	<0.001	<0.001
RW - 2	11/16/11	**0.0576**	<0.001	0.0047	<0.001
RW - 2	02/29/12	**0.0574**	<0.001	0.0086	<0.001
RW - 2	05/02/12	**0.0131**	<0.001	<0.001	<0.001
RW - 2	08/10/12	NS	-	-	-
RW - 2	12/07/12	NS	-	-	-
RW - 2	02/13/13	NS	-	-	-
RW - 2	05/22/13	NS	-	-	-
RW - 2	08/13/13	NS	-	-	-
RW - 2	11/21/13	NS	-	-	-
RW - 2	02/04/14	P&A	-	-	-
RW - 3	05/14/03	**0.1780**	0.003	0.0420	0.0530
RW - 3	02/11/04	**0.1650**	<0.001	0.1090	0.0130
RW - 3	08/25/04	**0.2200**	0.002	0.0548	0.0430
RW - 3	12/03/04	**0.3670**	<0.100	<0.100	<0.100
RW - 3	03/08/05	**0.1830**	<0.05	<0.05	<0.05
RW - 3	06/08/05	**0.0541**	<0.01	0.0268	<0.01
RW - 3	09/15/05	PSH	-	-	-
RW - 3	12/12/05	PSH	-	-	-
RW - 3	03/16/06	**0.0910**	<0.001	0.0383	0.0064
RW - 3	06/15/06	PSH	-	-	-
RW - 3	09/30/06	PSH	-	-	-
RW - 3	12/01/06	PSH	-	-	-
RW - 3	02/27/07	PSH	-	-	-
RW - 3	05/22/07	PSH	-	-	-
RW - 3	08/15/07	<0.1	<0.1	<0.1	<0.1
RW - 3	11/06/07	**0.0868**	<0.001	0.0305	0.0179

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 3	02/12/08	**0.4590**	<0.005	0.0408	0.0471
RW - 3	05/13/08	**0.1990**	<0.005	0.0209	0.0129
RW - 3	08/14/08	PSH	-	-	-
RW - 3	11/12/08	**0.3780**	<0.010	0.0413	0.0346
RW - 3	02/10/09	**0.4550**	<0.010	**0.0378**	**0.0200**
RW - 3	05/12/09	**0.4400**	<0.010	**0.0973**	<0.01
RW - 3	08/10/09	**0.1060**	<0.010	<0.010	<0.010
RW - 3	11/18/09	**0.2960**	<0.010	0.0269	<0.010
RW - 3	02/09/10	**0.2970**	<0.010	<0.010	<0.010
RW - 3	05/13/10	**0.1830**	<0.010	<0.010	<0.010
RW - 3	08/11/10	<0.100	<0.100	<0.100	<0.100
RW - 3	11/11/10	**0.3360**	<0.0500	<0.0500	<0.0500
RW - 3	02/16/11	**0.4680**	<0.0500	<0.0500	0.0500
RW - 3	05/19/11	**0.9380**	<0.0500	0.275	0.7750
RW - 3	08/10/11	**0.3040**	<0.0200	<0.0200	<0.0200
RW - 3	11/17/11	**0.1420**	<0.020	<0.020	<0.020
RW - 3	02/29/12	**0.2200**	<0.020	<0.020	<0.020
RW - 3	05/02/12	**0.2510**	<0.020	<0.020	<0.020
RW - 3	08/10/12	NS	-	-	-
RW - 3	12/06/12	**0.0209**	<0.005	<0.005	<0.005
RW - 3	02/13/13	**0.0110**	<0.001	<0.001	<0.001
RW - 3	05/22/13	**0.0713**	<0.00500	<0.00500	<0.00500
RW - 3	08/13/13	**0.0652**	<0.00500	<0.00500	<0.00500
RW - 3	11/21/13	**0.0212**	<0.00100	<0.00100	<0.00300
RW - 3	02/04/14	**0.146**	<0.0500	<0.0500	<0.150
RW - 3	05/14/14	**0.0219**	<0.00100	<0.00100	<0.00300
RW - 3	08/05/14	**0.2100**	<0.0500	<0.0500	<0.0500
RW - 3	11/19/14	**0.2630**	<0.0500	<0.0500	<0.0500
RW - 3	02/09/15	**0.141**	<0.0500	<0.0500	<0.0500
RW - 3	05/27/15	**0.0583**	<0.0500	<0.0500	<0.0500
RW - 3	08/03/15	**0.382**	<0.0500	<0.0500	<0.0500
RW - 3	11/19/15	**0.125**	<0.00100	0.00480	0.00330
RW - 3	02/24/16	**0.0481**	<0.00100	0.00280	<0.00100
RW - 3	06/07/16	**0.1280**	<0.00100	0.00200	0.00180
RW - 3	08/03/16	**0.0613**	<0.0500	<0.0500	<0.0500
RW - 3	11/08/16	**0.142**	<0.0500	<0.0500	<0.0500
RW - 3	03/01/17	**0.0787**	<0.00200	0.00542	0.00825
RW - 3	05/23/17	**0.157**	<0.00200	0.0125	<0.00400
RW - 3	08/17/17	**0.367**	0.00288	0.00645	0.0120
RW - 3	11/14/17	**0.220**	<0.00200	<0.00200	<0.00400
RW - 3	02/08/18	**0.0618**	<0.00200	<0.00200	0.00528
RW - 3	05/22/18	**0.169**	<0.0100	0.00571	<0.0200
RW - 3	08/08/18	**0.168**	<0.0100	<0.00500	<0.0200
RW - 3	11/13/18	**0.0259**	<0.0100	<0.00500	<0.0200
RW - 3	02/13/19	**0.0337**	<0.00100	<0.00100	<0.00200
RW - 3	05/08/19	**0.0580**	<0.00100	0.00192	0.00217
RW - 3	08/08/19	**0.110**	<0.00100	<0.00100	<0.00200
RW - 3	11/13/19	**0.0620**	<0.00100	0.00258	<0.00200
RW - 3	03/05/20	**0.0685**	<0.00100	0.00161	0.00211

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TNM 97-17
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LEA COUNTY, NM
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WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 3	06/18/20	**0.133**	<0.00500	<0.00500	0.01794
RW - 3	08/13/20	**0.208**	0.00405	0.00602	0.01434
RW - 3	12/10/20	**0.114**	<0.00100	0.00123	<0.00200
RW - 3	02/11/21	**0.0903**	0.00413	0.00658	0.00679
RW - 3	06/11/21	**0.188**	0.00409	0.00513	0.01198
RW - 3	09/23/21	**0.164**	0.00297	0.00764	0.01009
RW - 3	12/07/21	0.00612	<0.00100	<0.00100	<0.00200
RW - 3	03/15/22	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	05/10/22	**0.0136**	<0.00100	<0.00100	<0.00200
RW - 3	08/17/22	**0.213**	0.00131	<0.00100	0.00201
RW - 3	11/10/22	0.00107	<0.00100	<0.00100	<0.00200
RW - 3	02/28/23	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	05/11/23	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	08/17/23	**0.0707**	<0.00100	<0.00100	<0.00200
RW - 3	12/14/23	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	02/28/24	<0.00100	<0.00100	<0.00100	<0.00200
RW - 3	06/18/24	**0.202**	<0.00100	<0.00100	<0.00200
RW - 3	09/25/24	**0.0113**	<0.00100	<0.00100	<0.00200
RW - 3	12/11/24	**0.0398**	<0.00100	<0.00100	<0.00200
RW - 4	05/14/03	**0.6390**	0.001	0.2750	0.2930
RW - 4	03/08/05	**0.3230**	<0.05	<0.05	<0.05
RW - 4	06/08/05	**0.4410**	<0.05	<0.05	<0.05
RW - 4	09/15/05	PSH	-	-	-
RW - 4	12/12/05	PSH	-	-	-
RW - 4	03/16/06	**0.2660**	<0.001	0.0595	0.0459
RW - 4	06/15/06	PSH	-	-	-
RW - 4	09/30/06	PSH	-	-	-
RW - 4	12/01/06	PSH	-	-	-
RW - 4	02/27/07	PSH	-	-	-
RW - 4	05/22/07	PSH	-	-	-
RW - 4	08/15/07	**0.3540**	<0.1	<0.1	<0.1
RW - 4	11/06/07	**0.2930**	<0.2	<0.2	<0.2
RW - 4	02/12/08	**0.4720**	<0005	0.1090	0.0866
RW - 4	05/13/08	**0.3360**	<0.005	0.0549	0.0391
RW - 4	08/14/08	**0.3960**	<0.005	0.0885	0.0679
RW - 4	11/12/08	**0.3660**	<0.010	0.0777	0.0541
RW - 4	02/10/09	**0.6470**	<0.010	0.1330	0.0813
RW - 4	05/12/09	**0.6520**	<0.010	0.2020	0.1850
RW - 4	08/10/09	**0.4300**	<0.010	0.1280	0.1300
RW - 4	11/18/09	**0.3360**	<0.010	0.1290	0.0409
RW - 4	02/09/10	**0.3250**	<0.010	0.0832	0.0641
RW - 4	05/13/10	**0.3240**	<0.010	0.0679	0.0638
RW - 4	08/11/10	**0.1420**	<0.100	<0.100	<0.100
RW - 4	11/11/10	**0.4740**	<0.100	<0.100	<0.100
RW - 4	02/16/11	**1.6100**	<0.100	**0.8490**	<0.100
RW - 4	05/19/11	**1.8500**	<0.100	0.6820	**1.6200**
RW - 4	08/10/11	**0.6130**	<0.0200	0.1580	0.2280
RW - 4	11/17/11	**0.3150**	<0.0200	0.0753	<0.020

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HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

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TNM 97-17
SRS NO. TNM 97-17
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NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 4	02/29/12	**0.3310**	<0.0200	<0.020	<0.020
RW - 4	05/02/12	**0.6290**	<0.0200	0.2110	0.3200
RW - 4	08/10/12	NS	-	-	-
RW - 4	12/06/12	**0.2760**	<0.005	0.0841	0.0362
RW - 4	02/13/13	**0.6670**	<0.001	0.1530	0.0792
RW - 4	05/22/13	**0.5620**	<0.00500	0.1080	0.0618
RW - 4	08/13/13	**0.743**	<0.00500	0.166	0.0886
RW - 4	11/21/13	**0.455**	<0.0100	0.0888	0.0360
RW - 4	02/04/14	**0.830**	<0.0500	0.164	<0.150
RW - 4	05/14/14	**0.749**	<0.0500	0.124	<0.150
RW - 4	08/05/14	**0.666**	<0.0500	0.131	0.0893
RW - 4	11/19/14	PSH	-	-	-
RW - 4	02/09/15	**0.278**	<0.0500	0.160	0.0676
RW - 4	05/27/15	**0.316**	<0.0500	0.139	<0.0500
RW - 4	08/03/15	**0.118**	<0.0500	0.0664	<0.0500
RW - 4	11/19/15	**0.130**	<0.00100	0.114	0.0307
RW - 4	02/24/16	**0.158**	<0.00100	0.109	0.0354
RW - 4	06/07/16	**0.0991**	<0.00100	0.0624	0.0387
RW - 4	08/03/16	**0.0735**	<0.0500	<0.0500	<0.0500
RW - 4	11/08/16	**<0.0500**	<0.0500	<0.0500	<0.0500
RW - 4	03/01/17	**0.0368**	<0.00200	0.0221	0.0108
RW - 4	05/23/17	**0.134**	0.00409	0.0466	0.0690
RW - 4	08/17/17	**0.224**	<0.00200	0.0323	0.03361
RW - 4	11/14/17	**0.231**	<0.00200	0.0382	0.0235
RW - 4	02/08/18	**0.166**	<0.00200	0.0389	0.02144
RW - 4	05/22/18	**0.0850**	<0.0100	0.0272	<0.0200
RW - 4	08/08/18	**0.104**	<0.0100	0.0206	<0.0200
RW - 4	11/13/18	**0.199**	<0.0100	0.0746	0.0435
RW - 4	02/13/19	**0.244**	0.00323	0.151	0.09806
RW - 4	05/08/19	**0.223**	<0.00100	0.0827	0.0566
RW - 4	08/08/19	**0.0956**	<0.00100	0.0140	0.01785
RW - 4	11/13/19	**0.170**	<0.00100	0.108	0.0947
RW - 4	03/05/20	**0.186**	0.00240	0.0719	0.0659
RW - 4	06/18/20	**0.0795**	<0.00500	0.0207	0.03294
RW - 4	08/13/20	**0.120**	0.00306	0.0456	0.04117
RW - 4	12/10/20	**0.124**	<0.00100	0.0141	0.01161
RW - 4	02/11/21	**0.154**	0.0160	0.175	0.1635
RW - 4	06/11/21	**0.417**	0.0116	0.191	0.15975
RW - 4	09/23/21	**0.376**	<0.00500	0.288	0.2338
RW - 4	12/06/21	**0.431**	0.0136	0.247	0.1804
RW - 4	03/16/22	**0.307**	0.00302	0.105	0.0523
RW - 4	05/11/22	**0.377**	0.00394	0.219	0.10588
RW - 4	08/18/22	**0.257**	0.00605	0.0510	0.03890
RW - 4	11/11/22	**0.306**	0.00384	0.167	0.09198
RW - 4	03/02/23	**0.0204**	<0.00100	0.00371	0.00448
RW - 4	05/11/23	**0.170**	<0.00100	0.0251	0.01653
RW - 4	08/18/23	**0.222**	0.00505	0.0918	0.07675
RW - 4	12/14/23	**0.245**	<0.00100	0.0697	0.04945
RW - 4	02/27/24	**0.271**	<0.00100	0.0813	0.0394

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 4	06/19/24	**0.220**	<0.00100	0.0684	0.0378
RW - 4	09/25/24	PSH	-	-	-
RW - 4	12/09/24	Dry	-	-	-
RW - 5	08/25/04	**0.0196**	<0.001	0.0126	0.0099
RW - 5	12/03/04	**0.3520**	<0.100	<0.100	<0.100
RW - 5	03/08/05	**0.2320**	<0.05	0.1540	0.0830
RW - 5	06/08/05	**0.1490**	<0.05	<0.05	<0.05
RW - 5	09/15/05	PSH	-	-	-
RW - 5	12/12/05	PSH	-	-	-
RW - 5	03/16/06	PSH	-	-	-
RW - 5	06/15/06	PSH	-	-	-
RW - 5	09/30/06	PSH	-	-	-
RW - 5	12/01/06	PSH	-	-	-
RW - 5	02/27/07	PSH	-	-	-
RW - 5	05/22/07	PSH	-	-	-
RW - 5	08/15/07	PSH	-	-	-
RW - 5	11/06/07	PSH	-	-	-
RW - 5	02/12/08	PSH	-	-	-
RW - 5	05/13/08	PSH	-	-	-
RW - 5	08/14/08	PSH	-	-	-
RW - 5	11/12/08	**0.1320**	0.148	0.1230	0.1640
RW - 5	02/10/09	PSH	-	-	-
RW - 5	05/12/09	PSH	-	-	-
RW - 5	08/10/09	PSH	-	-	-
RW - 5	11/18/09	**0.0220**	<0.005	0.0508	0.0149
RW - 5	02/09/10	PSH	-	-	-
RW - 5	05/13/10	PSH	-	-	-
RW - 5	08/11/10	PSH	-	-	-
RW - 5	11/11/10	PSH	-	-	-
RW - 5	02/16/11	PSH	-	-	-
RW - 5	05/19/11	PSH	-	-	-
RW - 5	08/10/11	PSH	-	-	-
RW - 5	11/17/11	PSH	-	-	-
RW - 5	02/29/12	PSH	-	-	-
RW - 5	05/02/12	**0.3490**	<0.0100	0.2010	0.1940
RW - 5	08/10/12	NS	-	-	-
RW - 5	12/07/12	PSH	-	-	-
RW - 5	02/13/13	PSH	-	-	-
RW - 5	05/22/13	PSH	-	-	-
RW - 5	08/13/13	PSH	-	-	-
RW - 5	11/21/13	PSH	-	-	-
RW - 5	02/04/14	PSH	-	-	-
RW - 5	05/14/14	PSH	-	-	-
RW - 5	08/05/14	PSH	-	-	-
RW - 5	11/19/14	PSH	-	-	-
RW - 5	08/03/15	**0.358**	<0.0500	<0.0500	<0.0500
RW - 5	11/19/15	**0.0417**	<0.00100	0.00300	0.00220
RW - 5	02/24/16	**0.270**	<0.00100	0.0374	0.0165

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 5	06/07/16	**0.350**	<0.00100	0.0254	0.0189
RW - 5	08/03/16	**0.248**	<0.0500	<0.0500	<0.0500
RW - 5	11/08/16	**0.331**	<0.0500	<0.0500	<0.0500
RW - 5	03/01/17	**0.200**	0.00286	0.0184	0.0130
RW - 5	05/23/17	**0.389**	0.00205	0.0394	0.0318
RW - 5	08/17/17	**0.399**	0.00321	0.0461	0.0522
RW - 5	11/14/17	**0.384**	<0.00200	0.0230	0.0177
RW - 5	02/08/18	**0.239**	0.00228	0.0221	0.0139
RW - 5	05/22/18	**0.236**	<0.0100	0.0252	<0.0200
RW - 5	08/08/18	**0.202**	<0.0100	0.0308	<0.0200
RW - 5	11/13/18	**0.216**	<0.0100	0.0486	0.0342
RW - 5	02/13/19	**0.151**	<0.00100	0.0201	0.00688
RW - 5	05/08/19	**0.0882**	<0.00100	0.0114	0.00938
RW - 5	08/08/19	**0.177**	<0.00100	0.0101	0.01843
RW - 5	11/13/19	**0.136**	<0.00100	0.0190	0.0278
RW - 5	03/05/20	**0.175**	0.00373	0.0276	0.03087
RW - 5	06/18/20	**0.144**	0.00701	0.0312	0.0633
RW - 5	08/13/20	**0.178**	0.00288	0.0133	0.02216
RW - 5	12/10/20	**0.188**	0.00166	0.00557	0.00899
RW - 5	02/11/21	**0.135**	0.00518	0.0297	0.0266
RW - 5	06/11/21	**0.206**	0.00220	0.0125	0.02776
RW - 5	09/23/21	**0.167**	0.0143	0.0484	0.1073
RW - 5	12/06/21	**0.296**	0.00171	0.0158	0.0206
RW - 5	03/16/22	**0.351**	0.00371	0.0292	0.0427
RW - 5	05/11/22	**0.254**	0.00268	0.0241	0.0446
RW - 5	08/18/22	**0.377**	0.00544	0.0305	0.05802
RW - 5	11/11/22	PSH	-	-	-
RW - 5	03/02/23	PSH	-	-	-
RW - 5	05/11/23	PSH	-	-	-
RW - 5	08/18/23	**0.146**	<0.00100	0.00477	0.00693
RW - 5	12/14/23	PSH	-	-	-
RW - 5	02/27/24	**0.320**	0.00329	0.0313	0.04189
RW - 5	06/19/24	**0.310**	0.00703	0.0539	0.07914
RW - 5	09/23/24	PSH	-	-	-
RW - 5	12/11/24	**0.304**	0.00159	0.0244	0.0386
RW - 6	03/08/05	PSH	-	-	-
RW - 6	06/08/05	PSH	-	-	-
RW - 6	09/15/05	PSH	-	-	-
RW - 6	12/12/05	PSH	-	-	-
RW - 6	03/16/06	PSH	-	-	-
RW - 6	06/15/06	PSH	-	-	-
RW - 6	09/30/06	PSH	-	-	-
RW - 6	12/01/06	PSH	-	-	-
RW - 6	02/27/07	PSH	-	-	-
RW - 6	05/22/07	PSH	-	-	-
RW - 6	08/15/07	PSH	-	-	-
RW - 6	11/06/07	PSH	-	-	-
RW - 6	02/12/08	PSH	-	-	-

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 6	05/13/08	PSH	-	-	-
RW - 6	08/14/08	PSH	-	-	-
RW - 6	11/12/08	**0.1060**	0.133	0.1270	0.1370
RW - 6	02/10/09	PSH	-	-	-
RW - 6	05/12/09	PSH	-	-	-
RW - 6	08/10/09	PSH	-	-	-
RW - 6	11/18/09	**0.0509**	0.0107	0.4810	0.3780
RW - 6	02/09/10	PSH	-	-	-
RW - 6	05/13/10	PSH	-	-	-
RW - 6	08/11/10	PSH	-	-	-
RW - 6	11/11/10	PSH	-	-	-
RW - 6	02/16/11	PSH	-	-	-
RW - 6	05/19/11	PSH	-	-	-
RW - 6	08/10/11	PSH	-	-	-
RW - 6	11/17/11	PSH	-	-	-
RW - 6	02/29/12	PSH	-	-	-
RW - 6	08/10/12	PSH	-	-	-
RW - 6	12/07/12	PSH	-	-	-
RW - 6	04/18/13	**0.2410**	<0.001	0.0346	0.0031
RW - 6	05/22/13	**0.2230**	<0.00500	0.0678	<0.00500
RW - 6	08/13/13	**0.256**	<0.00100	0.0715	0.0163
RW - 6	11/21/13	**0.220**	<0.0500	<0.0500	<0.150
RW - 6	02/04/14	**0.319**	<0.0500	0.1640	<0.150
RW - 6	05/14/14	**0.161**	<0.0500	<0.0500	<0.150
RW - 6	08/05/14	**0.233**	<0.0500	<0.0500	<0.0500
RW - 6	11/19/14	**0.300**	<0.0500	<0.0500	<0.0500
RW - 6	02/09/15	**0.130**	<0.0500	<0.0500	<0.0500
RW - 6	05/27/15	**0.102**	<0.0500	<0.0500	<0.0500
RW - 6	08/03/15	**0.156**	<0.0500	<0.0500	<0.0500
RW - 6	11/19/15	**0.0816**	<0.00100	0.00910	0.00210
RW - 6	02/24/16	**0.0963**	<0.00100	0.0152	0.00710
RW - 6	06/07/16	**0.143**	<0.00100	0.0118	0.00330
RW - 6	08/03/16	**0.124**	<0.0500	<0.0500	<0.0500
RW - 6	11/08/16	**0.0893**	<0.0500	<0.0500	<0.0500
RW - 6	03/01/17	**0.0618**	0.00366	0.0103	0.0133
RW - 6	05/23/17	**0.185**	<0.00200	0.0292	0.0195
RW - 6	08/17/17	**0.127**	0.00447	0.0164	0.0358
RW - 6	11/14/17	**0.128**	0.00515	0.0109	0.0107
RW - 6	02/08/18	**0.0696**	0.00147	0.00617	0.01151
RW - 6	05/22/18	**0.113**	<0.0100	0.00976	<0.0200
RW - 6	08/08/18	**0.0961**	<0.0100	<0.00500	<0.0200
RW - 6	11/13/18	**0.0776**	<0.0100	<0.00500	<0.0200
RW - 6	02/13/19	**0.0506**	0.00153	0.00469	0.00464
RW - 6	05/08/19	**0.0417**	<0.00100	0.00216	0.00664
RW - 6	08/08/19	**0.0594**	0.00226	0.00654	0.00867
RW - 6	11/13/19	**0.0399**	<0.00100	0.00675	0.01614
RW - 6	03/05/20	**0.0535**	0.0265	0.0548	0.1414
RW - 6	06/18/20	**0.0625**	0.00822	0.0130	0.0389
RW - 6	08/13/20	**0.0724**	0.00664	0.00873	0.02528

TABLE 5

HISTORICAL CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NM
NMOCD INCIDENT NO. nAPP2109542960

WELL ID	SAMPLE DATE	BENZENE	TOLUENE	ETHYLBENZENE	TOTAL XYLENES
New Mexico Water Quality Control Commission (NMWQCC) Human Health Standards		**0.01**	**0.75**	**0.75**	**0.62**
RW - 6	12/10/20	**0.0598**	0.00353	0.00697	0.00551
RW - 6	02/11/21	**0.0643**	0.0182	0.0569	0.0281
RW - 6	06/11/21	**0.0818**	0.0159	0.0229	0.0598
RW - 6	09/23/21	**0.0814**	0.0147	0.0190	0.0647
RW - 6	12/06/21	**0.0421**	0.00854	0.0126	0.0136
RW - 6	03/16/22	**0.0864**	0.0191	0.0241	0.0878
RW - 6	05/11/22	**0.0498**	0.00703	0.0110	0.0302
RW - 6	08/18/22	**0.0857**	0.0216	0.0248	0.0781
RW - 6	11/11/22	**0.0742**	0.0159	0.0286	0.0715
RW - 6	03/02/23	**0.0730**	0.00943	0.0191	0.0389
RW - 6	05/11/23	**0.131**	0.0598	0.0814	0.2560
RW - 6	08/18/23	**0.101**	0.0222	0.0854	0.0972
RW - 6	12/14/23	**0.109**	0.0108	0.0200	0.0363
RW - 6	02/27/24	**0.0991**	0.0105	0.0169	0.0393
RW - 6	06/18/24	**0.103**	0.00587	0.00690	0.01908
RW - 6	09/24/24	**0.107**	0.00571	0.0138	0.01917
RW - 6	12/11/24	**0.120**	0.00693	0.0099	0.0164

Notes:
1. Benzene, toluene, ethylbenzene, and total xylenes (BTEX) analysis by Environmental Protection Agency (EPA) Method SW846-8021B.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Human Health Standards.
4. < - Not detected above the Sample Detection Limit.
5. NS - Not sampled.
6. '- - No data available for corresponding date.
7. PSH - Phase Separated Hydrocarbons.
8. P&A - Plugged and abandoned.
9. Dry - No fluid gauged in corresponding well or not enough fluid to collect sample.

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-1	11/12/08	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186	<0.000186
MW-1	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-1	11/11/10	NS																		
MW-1	12/14/11	NS																		
MW-1	12/06/12	NS																		
MW-1	11/21/13	NS																		
MW-1	11/19/14	NS																		
MW-1	11/18/15	NS																		
MW-1	11/08/16	NS																		
MW-1	11/13/17	NS																		
MW-1	11/12/18	NS																		
MW-1	11/05/19	NS																		
MW-1	12/09/20	NS																		
MW-1	12/06/21	NS																		
MW-1	11/09/22	NS																		
MW-1	12/14/23	NS																		
MW-1	12/09/24	NS																		
MW-2	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-2	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-2	11/11/10	NS																		
MW-2	12/14/11	NS																		
MW-2	12/06/12	NS																		
MW-2	11/21/13	NS																		
MW-2	11/19/14	NS																		
MW-2	11/18/15	NS																		
MW-2	11/08/16	NS																		
MW-2	11/14/17	NS																		
MW-2	11/12/18	NS																		
MW-2	11/06/19	NS																		
MW-2	12/09/20	NS																		
MW-2	12/06/21	NS																		

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-2	11/10/22	NS																		
MW-2	12/14/23	NS																		
MW-2	12/09/24	NS																		
MW-3	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-3	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-3	11/11/10	NS																		
MW-3	12/14/11	NS																		
MW-3	12/06/12	NS																		
MW-3	11/21/13	NS																		
MW-3	11/19/14	NS																		
MW-3	11/18/15	NS																		
MW-3	11/08/16	NS																		
MW-3	11/14/17	NS																		
MW-3	11/12/18	NS																		
MW-3	11/06/19	NS																		
MW-3	12/09/20	NS																		
MW-3	12/06/21	NS																		
MW-3	11/10/22	NS																		
MW-3	12/14/23	NS																		
MW-3	12/09/24	NS																		
MW-4	11/12/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	**0.00238**	<0.000917	**0.00337**	<0.000917	**0.00682**	**0.015**	**0.0131**	0.00239
MW-4	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.00834**	<0.000926	**0.0121**	<0.000926	**0.0229**	**0.0802**	**0.0574**	0.00851
MW-4	11/11/10	NS																		
MW-4	12/14/11	PSH																		
MW-4	12/06/12	PSH																		
MW-4	11/21/13	PSH																		
MW-4	11/19/14	PSH																		
MW-4	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.118**	**0.322**	<0.000200	<0.000200
MW-4	12/02/16	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	<0.000460	**0.00216**	<0.000460	**0.00240**	<0.000460	0.0202			0.00236
MW-4	11/14/17	0.000703	0.000526	<0.000168	**<0.000168**	<0.000168	<0.000168	<0.000168	<0.000168	**0.000271**	<0.000168	<0.000168	**0.0031**	<0.000168	**0.00304**	<0.000168	0.00982			0.00321

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-4	11/13/18	0.00031	0.00069	0.00018	**0.00036**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0021**	<0.00010	**0.0032**	<0.00010	**0.0351**			0.0025
MW-4	11/13/19	0.0027	0.012	<0.000097	<0.000097	<0.000097	**0.0018**	<0.000097	0.00079	**0.018**	<0.000097	<0.000097	**0.029**	<0.000097	**0.080**	<0.000097	**0.441**			0.046
MW-4	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	**0.0042**	**<0.0010**	**0.0053**	<0.0010	**0.059**			0.0044
MW-4	12/06/21	0.026	0.0027	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0016**	<0.00010	<0.00010	**0.026**	<0.00010	**0.026**	<0.00010	**0.152**			0.0079
MW-4	11/11/22	0.015	0.024	**0.040**	**<0.0011**	**<0.0011**	**<0.0011**	<0.0011	**<0.0011**	**<0.0011**	**<0.0011**	**<0.0011**	**<0.0011**	**<0.0011**	**0.20**	**<0.0011**	**1.373**			
MW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.010**	<0.0010	**0.013**	<0.0010	<0.0010	<0.0010	<0.0010	0.0065			
MW-4	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.0009	<0.000083	**0.0011**	<0.000083	**0.0365**			<0.000083
MW-5	11/12/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00233**	<0.000922	**0.00189**	<0.000922	<0.000922	0.00183	<0.000922	0.0023
MW-5	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	**0.00116**	<0.000185	0.000814	<0.000185	<0.000185	0.00234	<0.000185	0.00109
MW-5	11/11/10	NS																		
MW-5	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00106**	<0.000183	**0.00129**	<0.000183	<0.000183	0.00281	<0.000183	0.00138
MW-5	12/06/12	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	<0.000957	0.00739	<0.000957	<0.000957
MW-5	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5	11/19/14	NS																		
MW-5	11/18/15	NS																		
MW-5	11/08/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-5	11/14/17	NS																		
MW-5	11/13/18	NS																		
MW-5	11/13/19	NS																		
MW-5	12/09/20	NS																		
MW-5	12/07/21	NS																		
MW-5	11/09/22	NS																		
MW-5	12/14/23	NS																		
MW-5	12/09/24	NS																		
MW-6	11/12/08	<0.00183	<0.00183	0.00361	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	**0.00357**	<0.00183	0.00782	0.0115	0.00712	<0.00183
MW-6	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000842	<0.000184	0.000596	<0.000184	<0.000184	0.00277	<0.000184	0.00112
MW-6	11/11/10	NS																		
MW-6	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000755	<0.000183	<0.000183	0.00264	<0.000183	<0.000183
MW-6	12/06/12	PSH																		
MW-6	11/21/13	PSH																		

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HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-6	11/19/14	PSH																		
MW-6	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-6	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-6	11/14/17	0.000492	0.000441	0.000666	**0.000636**	<0.000167	<0.000167	<0.000167	<0.000167	**0.000383**	<0.000167	0.00039	**0.00134**	<0.000167	0.000617	0.000283	<0.000334			0.000941
MW-6	11/12/18	0.00015	<0.00010	<0.00010	**0.00017**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00024	<0.00010	0.00027	<0.00010	0.0068			0.00049
MW-6	11/13/19	0.00044	0.00099	<0.000097	**0.00071**	<0.000097	0.00038	<0.000097	0.00020	**0.0038**	<0.000097	0.00090	**0.0027**	<0.000097	**0.0070**	0.00081	0.02457			0.0042
MW-6	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	**<0.0010**	<0.0010	<0.0010	0.0054			0.0012
MW-6	12/06/21	0.0019	<0.00010	<0.00010	**0.00060**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0012**	<0.00010	<0.00010	<0.00010	0.0046			0.0012
MW-6	11/10/22	PSH																		
MW-6	12/14/23	PSH																		
MW-6	12/09/24	PSH																		
MW-7	11/12/08	<0.00185	<0.00185	0.0059	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	**0.00539**	<0.00185	**0.00582**	<0.00185	**0.0106**	**0.0285**	**0.0175**	<0.00185
MW-7	11/18/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00894**	<0.000922	**0.0108**	<0.000922	**0.0151**	**0.0792**	**0.0383**	0.00773
MW-7	11/11/10	NS																		
MW-7	12/14/11	PSH																		
MW-7	12/06/12	PSH																		
MW-7	11/21/13	PSH																		
MW-7	11/19/14	PSH																		
MW-7	11/18/15	PSH																		
MW-7	11/08/16	PSH																		
MW-7	11/14/17	PSH																		
MW-7	11/13/18	<0.00010	0.0017	<0.00010	**0.0025**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0043**	<0.00010	<0.00010	<0.00010	**0.096**			0.0047
MW-7	11/13/19	0.0027	0.016	<0.000097	**0.0044**	<0.000097	**0.0015**	<0.000097	**0.0013**	**0.024**	<0.000097	**0.0027**	**0.032**	<0.000097	**0.13**	**0.0070**	**0.59**			0.049
MW-7	12/10/20	PSH																		
MW-7	12/07/21	0.0015	0.00070	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00031**	<0.00010	<0.00010	**0.0020**	<0.00010	**0.0011**	<0.00010	0.0196			0.0011
MW-7	11/10/22	<0.00011	<0.00011	0.00014	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00043	<0.00011	0.00042	<0.00011	0.0102			-
MW-7	12/14/23	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00026	<0.00010	<0.00010	<0.00010	0.00573			
MW-7	12/09/24	PSH																		
MW-8	11/12/08	<0.00186	<0.00186	0.00454	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	<0.00186	**0.0045**	<0.00186	**0.012**	**0.0261**	**0.0168**	<0.00186
MW-8	11/18/09	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	**0.0341**	<0.00185	**0.0486**	<0.00185	**0.038**	**0.249**	**0.123**	0.0295

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HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-8	11/11/10	NS																		
MW-8	12/14/11	PSH																		
MW-8	12/06/12	PSH																		
MW-8	11/21/13	PSH																		
MW-8	11/19/14	PSH																		
MW-8	11/18/15	PSH																		
MW-8	11/08/16	PSH																		
MW-8	11/14/17	PSH																		
MW-8	11/13/18	0.00046	0.00069	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0015**	<0.00010	**0.0017**	<0.00010	**0.082**			0.0020
MW-8	11/13/19	0.00088	0.0018	0.0020	0.00046	0.00018	0.00041	<0.000098	0.00025	**0.0039**	<0.000098	0.00082	**0.0076**	<0.000098	**0.028**	0.0010	**0.164**			0.018
MW-8	12/10/20	PSH																		
MW-8	12/07/21	PSH																		
MW-8	11/10/22	PSH																		
MW-8	12/14/23	PSH																		
MW-8	12/09/24	PSH																		
MW-9	11/12/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000746	<0.000183	0.000341
MW-9	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-9	11/11/10	NS																		
MW-9	12/14/11	NS																		
MW-9	12/06/12	NS																		
MW-9	11/21/13	NS																		
MW-9	11/19/14	P&A																		
MW-10	11/12/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00344**	<0.000922	**0.00296**	<0.000922	<0.000922	0.00477	<0.000922	<0.000922
MW-10	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.0042**	<0.000926	**0.00418**	<0.000926	<0.000926	0.00958	<0.000926	0.00441
MW-10	11/11/10	NS																		
MW-10	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00339**	<0.000184	<0.000184	0.00287	<0.000184	0.00261
MW-10	12/06/12	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952	<0.000952
MW-10	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-10	11/19/14	NS																		
MW-10	11/18/15	NS																		

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LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

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Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-10	11/08/16	NS																		
MW-10	11/14/17	NS																		
MW-10	11/12/18	NS																		
MW-10	11/06/19	NS																		
MW-10	12/08/20	NS																		
MW-10	12/06/21	NS																		
MW-10	11/09/22	NS																		
MW-10	12/14/23	NS																		
MW-10	12/09/24	NS																		
MW-11	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-11	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-11	11/11/10	NS																		
MW-11	12/14/11	NS																		
MW-11	12/06/12	NS																		
MW-11	11/21/13	NS																		
MW-11	11/19/14	NS																		
MW-11	11/18/15	NS																		
MW-11	11/08/16	NS																		
MW-11	11/13/17	NS																		
MW-11	11/12/18	NS																		
MW-11	11/05/19	NS																		
MW-11	12/09/20	NS																		
MW-11	12/07/21	NS																		
MW-11	11/09/22	NS																		
MW-11	12/14/23	NS																		
MW-11	12/09/24	NS																		
MW-12	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-12	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-12	11/11/10	NS																		
MW-12	12/14/11	NS																		

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-12	12/06/12	NS																		
MW-12	11/21/13	NS																		
MW-12	11/19/14	NS																		
MW-12	11/18/15	NS																		
MW-12	11/08/16	NS																		
MW-12	11/13/17	NS																		
MW-12	11/12/18	NS																		
MW-12	11/05/19	NS																		
MW-12	12/09/20	NS																		
MW-12	12/06/21	NS																		
MW-12	11/09/22	NS																		
MW-12	12/14/23	NS																		
MW-12	12/09/24	NS																		
MW-13	11/12/08	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199	<0.000199
MW-13	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-13	11/11/10	NS																		
MW-13	12/14/11	NS																		
MW-13	12/06/12	NS																		
MW-13	11/21/13	NS																		
MW-13	11/19/14	NS																		
MW-13	11/18/15	NS																		
MW-13	11/08/16	NS																		
MW-13	11/13/17	NS																		
MW-13	11/12/18	NS																		
MW-13	11/05/19	NS																		
MW-13	12/09/20	NS																		
MW-13	12/06/21	NS																		
MW-13	11/09/22	NS																		
MW-13	12/14/23	NS																		
MW-13	12/09/24	NS																		

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SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

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Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-14	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	**0.0233**	<0.0184	**0.0402**	<0.0184	**0.0377**	**0.147**	**0.137**	0.0289
MW-14	11/18/09	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	<0.00461	**0.0786**	<0.00461	**0.102**	<0.00461	**0.124**	**0.628**	**0.346**	0.0603
MW-14	11/11/10	NS																		
MW-14	12/14/11	PSH																		
MW-14	12/06/12	PSH																		
MW-14	11/21/13	PSH																		
MW-14	11/19/14	PSH																		
MW-14	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0736**	<0.000200	<0.000200	<0.000200
MW-14	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-14	11/14/17	0.00505	0.00495	**0.00524**	**0.00377**	<0.000167	<0.000167	<0.000167	<0.000167	**0.00272**	<0.000167	**0.00160**	**0.0176**	<0.000167	**0.0312**	**0.00190**	**0.0456**			0.0173
MW-14	11/13/18	0.00023	0.00049	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0014**	<0.00010	0.0010	<0.00010	**0.085**			0.0018
MW-14	11/13/19	0.0011	0.0013	<0.000097	<0.000097	<0.000097	0.00067	<0.000097	0.00033	**0.0034**	<0.000097	0.00086	**0.0072**	<0.000097	**0.029**	**0.0022**	**0.1572**			0.021
MW-14	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	**0.0025**	<0.0010	**<0.0010**	**0.0035**	<0.0010	**0.076**			0.0033
MW-14	12/06/21	0.041	0.0084	<0.00010	**0.0077**	<0.00010	<0.00010	<0.00010	<0.00010	**0.0045**	<0.00010	<0.00010	**0.051**	<0.00010	**0.055**	<0.00010	**0.548**			0.040
MW-14	11/11/22	0.012	0.013	**0.013**	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**0.12**	**<0.010**	**0.88**			-
MW-14	12/14/23	0.0011	0.0023	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.056**	**0.0081**	**0.011**	**0.0014**	**0.0401**			-
MW-14	12/09/24	DRY																		
MW-15	11/12/08	NS																		
MW-15	11/18/09	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	<0.00185	**0.0274**	<0.00185	**0.0369**	<0.00185	**0.0219**	**0.157**	**0.0508**	0.0236
MW-15	11/11/10	NS																		
MW-15	12/31/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00136**	<0.000184	<0.000184	0.0035	<0.000184	0.00176
MW-15	12/06/12	PSH																		
MW-15	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0216**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-15	11/19/14	PSH																		
MW-15	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-15	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-15	11/14/17	0.000728	0.000656	0.000674	**0.000518**	<0.000167	<0.000167	<0.000167	<0.000167	**0.000367**	<0.000167	0.000317	**0.00292**	<0.000167	**0.00309**	0.000612	0.000595			0.00211
MW-15	11/13/18	0.00052	0.00056	0.00026	**0.00059**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0021**	<0.00010	**0.0026**	0.00014	0.01438			0.0022
MW-15	11/13/19	<0.000097	0.0021	**0.0016**	<0.000097	0.00055	0.00052	0.00053	0.00011	**0.0035**	<0.000097	<0.000097	**0.0056**	**0.00053**	**0.0075**	<0.000097	0.0254			0.0075
MW-15	12/10/20	<0.0010	0.0022	0.0010	**<0.0010**	**<0.0010**	<0.0010	0.0012	<0.0010	**0.0030**	**<0.0010**	<0.0010	**0.0078**	**<0.0010**	**0.0027**	<0.0010	0.0162			0.0082
MW-15	12/06/21	0.0069	<0.00010	<0.00010	**0.0013**	<0.00010	<0.00010	0.00078	<0.00010	<0.00010	**0.00049**	<0.00010	**0.0022**	**0.00082**	<0.00010	<0.00010	0.0065			0.0026

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-15	11/11/22	<0.0010	0.0023	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	**<0.0010**	**0.0059**	<0.0010	0.015			-
MW-15	12/14/23	PSH																		
MW-15	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0057**	<0.000083	<0.000083	**0.011**	<0.000083	<0.000083	<0.000083	**0.0491**			<0.000083
MW-16	11/12/08	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193	<0.000193
MW-16	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-16	11/11/10	NS																		
MW-16	12/14/11	NS																		
MW-16	12/06/12	NS																		
MW-16	11/21/13	NS																		
MW-16	11/19/14	NS																		
MW-16	11/18/15	NS																		
MW-16	11/08/16	NS																		
MW-16	11/13/17	NS																		
MW-16	11/12/18	NS																		
MW-16	11/05/19	NS																		
MW-16	12/09/20	NS																		
MW-16	12/06/21	NS																		
MW-16	11/09/22	NS																		
MW-16	12/14/23	NS																		
MW-16	12/09/24	NS																		
MW-17	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-17	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-17	11/11/10	NS																		
MW-17	12/14/11	NS																		
MW-17	12/06/12	NS																		
MW-17	11/21/13	NS																		
MW-17	11/19/14	NS																		
MW-17	11/18/15	NS																		
MW-17	11/08/16	NS																		
MW-17	11/13/17	NS																		

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LEA COUNTY, NEW MEXICO
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Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-17	11/12/18	NS																		
MW-17	11/06/19	NS																		
MW-17	12/09/20	NS																		
MW-17	12/06/21	NS																		
MW-17	11/09/22	NS																		
MW-17	12/14/23	NS																		
MW-17	12/09/24	NS																		
MW-18	11/12/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-18	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-18	11/11/10	NS																		
MW-18	12/14/11	NS																		
MW-18	12/06/12	NS																		
MW-18	11/21/13	NS																		
MW-18	11/19/14	NS																		
MW-18	11/18/15	NS																		
MW-18	11/08/16	NS																		
MW-18	11/14/17	NS																		
MW-18	11/13/18	NS																		
MW-18	11/06/19	NS																		
MW-18	12/09/20	NS																		
MW-18	12/06/21	NS																		
MW-18	11/10/22	NS																		
MW-18	12/14/23	NS																		
MW-18	12/09/24	NS																		
MW-19	11/12/08	NS																		
MW-19	11/18/09	<0.000922	<0.000922	0.000931	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00387**	<0.000922	**0.00471**	<0.000922	**0.00526**	**0.0275**	**0.00258**	0.0051
MW-19	11/11/10	NS																		
MW-19	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00624**	<0.000184	**0.00656**	**0.0293**	**0.00517**	0.00518
MW-19	12/06/12	PSH																		
MW-19	11/21/13	PSH																		

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SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-19	11/19/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0545**	<0.000200	<0.000200
MW-19	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**1.25**	**0.144**	<0.000200
MW-19	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
MW-19	11/14/17	0.00131	0.000883	**0.00101**	**0.000459**	<0.000168	<0.000168	<0.000168	<0.000168	**0.000425**	<0.000168	<0.000168	**0.00334**	<0.000168	**0.00542**	0.000406	0.00622			0.00303
MW-19	11/13/18	0.00060	0.0012	<0.00010	**0.00097**	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0032**	<0.00010	**0.0060**	<0.00010	**0.0503**			0.0032
MW-19	11/13/19	0.00140	0.0021	<0.000097	**0.00021**	<0.000097	0.00044	<0.000097	0.00015	**0.0036**	<0.000097	**0.0012**	**0.011**	<0.000097	**0.0160**	**0.0026**	**0.0819**			0.014
MW-19	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	**0.0043**	**<0.0010**	**0.0047**	<0.0010	**0.0395**			0.0037
MW-19	12/07/21	0.0023	0.00071	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0025**	<0.00010	0.00076	<0.00010	0.0191			0.0022
MW-19	11/10/22	<0.0011	<0.0011	**<0.0011**	**<0.0011**	**<0.0011**	**<0.0011**	<0.0011	<0.0011	**<0.0011**	**<0.0011**	**<0.0011**	**0.0040**	**<0.0011**	**0.0035**	**<0.0011**	0.0282			-
MW-19	12/14/23	0.00029	0.00034	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00092	<0.00011	**0.00046**	<0.00011	0.0114			-
MW-19	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	0.01013			<0.000083
MW-20	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000615	<0.000185	0.000318	<0.000185	<0.000185	0.00351	<0.000185	0.000958
MW-20	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000401	<0.000183	<0.000183	0.00159	<0.000183	0.000783
MW-20	11/11/10	NS																		
MW-20	12/14/11	NS																		
MW-20	12/06/12	NS																		
MW-20	11/21/13	NS																		
MW-20	11/19/14	NS																		
MW-20	11/18/15	NS																		
MW-20	11/08/16	NS																		
MW-20	11/14/17	NS																		
MW-20	11/12/18	NS																		
MW-20	11/06/19	NS																		
MW-20	12/09/20	NS																		
MW-20	12/06/21	NS																		
MW-20	11/10/22	NS																		
MW-20	12/14/23	NS																		
MW-20	12/09/24	NS																		
MW-21	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000414	<0.000184	0.000203	<0.000184	<0.000184	<0.000184	<0.000184	0.00108
MW-21	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000249	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000578

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-21	11/11/10	NS																		
MW-21	12/14/11	NS																		
MW-21	12/06/12	NS																		
MW-21	11/21/13	NS																		
MW-21	11/19/14	NS																		
MW-21	11/18/15	NS																		
MW-21	11/08/16	NS																		
MW-21	11/14/17	NS																		
MW-21	11/12/18	NS																		
MW-21	11/06/19	NS																		
MW-21	12/08/20	NS																		
MW-21	12/06/21	NS																		
MW-21	11/09/22	NS																		
MW-21	12/14/23	NS																		
MW-21	12/09/24	NS																		
MW-22	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-22	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-22	11/11/10	NS																		
MW-22	12/14/11	NS																		
MW-22	12/06/12	NS																		
MW-22	11/21/13	NS																		
MW-22	11/19/14	NS																		
MW-22	11/18/15	NS																		
MW-22	11/08/16	NS																		
MW-22	11/14/17	NS																		
MW-22	11/12/18	NS																		
MW-22	11/06/19	NS																		
MW-22	12/08/20	NMOCD Approved for P&A																		
MW-23	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-23	11/17/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185

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PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-23	11/11/10	NS																		
MW-23	12/14/11	NS																		
MW-23	12/06/12	NS																		
MW-23	11/21/13	NS																		
MW-23	11/19/14	NS																		
MW-23	11/18/15	NS																		
MW-23	11/08/16	NS																		
MW-23	11/14/17	NS																		
MW-23	11/12/18	NS																		
MW-23	11/06/19	NS																		
MW-23	12/09/20	NS																		
MW-23	12/06/21	NS																		
MW-23	11/10/22	NS																		
MW-23	12/14/23	NS																		
MW-23	12/09/24	NS																		
MW-24	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-24	11/17/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-24	11/11/10	NS																		
MW-24	12/14/11	NS																		
MW-24	12/06/12	NS																		
MW-24	11/21/13	NS																		
MW-24	11/19/14	NS																		
MW-24	11/18/15	NS																		
MW-24	11/08/16	NS																		
MW-24	11/14/17	NS																		
MW-24	11/12/18	NS																		
MW-24	12/08/20	NMOCD Approved for P&A																		
MW-25	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
MW-25	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-25	11/11/10	NS																		

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PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-25	12/14/11	NS																		
MW-25	12/06/12	NS																		
MW-25	11/21/13	NS																		
MW-25	11/19/14	NS																		
MW-25	11/18/15	NS																		
MW-25	11/08/16	NS																		
MW-25	11/14/17	NS																		
MW-25	11/12/18	NS																		
MW-25	11/06/19	NS																		
MW-25	12/09/20	NS																		
MW-25	12/06/21	NS																		
MW-25	11/09/22	NS																		
MW-25	12/14/23	NS																		
MW-25	12/09/24	NS																		
MW-26	11/12/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000312	<0.000185	0.000308	<0.000185	<0.000185	0.000204	<0.000185	0.000471
MW-26	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-26	11/11/10	NS																		
MW-26	12/14/11	NS																		
MW-26	12/06/12	NS																		
MW-26	11/21/13	NS																		
MW-26	11/19/14	NS																		
MW-26	11/18/15	NS																		
MW-26	11/08/16	NS																		
MW-26	11/14/17	NS																		
MW-26	11/12/18	NS																		
MW-26	11/06/19	NS																		
MW-26	12/08/20	NS																		
MW-26	12/06/21	NS																		
MW-26	11/09/22	NS																		
MW-26	12/14/23	NS																		
MW-26	12/09/24	NS																		

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TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	0.001 mg/L	0.0001 mg/L	0.0007 mg/L	0.001 mg/L	---	0.001 mg/L	0.0002 mg/L	0.0003 mg/L	0.001 mg/L	0.001 mg/L	0.0004 mg/L	0.001 mg/L	0.001 mg/L	0.03 mg/L			---
MW-27	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-27	11/17/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-27	11/11/10	NS																		
MW-27	12/14/11	NS																		
MW-27	12/06/12	NS																		
MW-27	11/21/13	NS																		
MW-27	11/19/14	NS																		
MW-27	11/18/15	NS																		
MW-27	11/08/16	NS																		
MW-27	11/14/17	NS																		
MW-27	11/12/18	NS																		
MW-27	11/06/19	NS																		
MW-27	12/09/20	NS																		
MW-27	12/06/21	NS																		
MW-27	11/10/22	NS																		
MW-27	12/14/23	NS																		
MW-27	12/09/24	NS																		
MW-28	11/12/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-28	11/18/09	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-28	11/11/10	NS																		
MW-28	12/14/11	NS																		
MW-28	12/06/12	NS																		
MW-28	11/21/13	NS																		
MW-28	11/19/14	NS																		
MW-28	11/18/15	NS																		
MW-28	11/08/16	NS																		
MW-28	11/14/17	NS																		
MW-28	11/12/18	NS																		
MW-28	11/06/19	NS																		
MW-28	12/09/20	NS																		

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SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
MW-28	12/06/21	NS																		
MW-28	11/10/22	NS																		
MW-28	12/14/23	NS																		
MW-28	12/09/24	NS																		
RW-1	11/12/08	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	<0.0184	**0.023**	<0.0184	<0.0184	**0.0941**	<0.0184	<0.0184
RW-1	11/18/09	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00771**	<0.000922	**0.00884**	<0.000922	<0.000922	0.0262	<0.000922	0.00722
RW-1	11/11/10	PSH																		
RW-1	12/14/11	PSH																		
RW-1	12/06/12	PSH																		
RW-1	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0244**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-1	11/19/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-1	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-1	11/08/16	NS																		
RW-1	11/14/17	NS																		
RW-1	11/13/18	NS																		
RW-1	11/06/19	NS																		
RW-1	12/10/20	NS																		
RW-1	12/06/21	NS																		
RW-1	11/10/22	NS																		
RW-1	12/14/23	NS																		
RW-1	12/09/24	NS																		
RW-2	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.00424**	<0.00184	**0.00488**	<0.00184	<0.00184	0.00552	<0.00184	0.00476
RW-2	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.001**	<0.000184	0.000874	<0.000184	<0.000184	0.00155	<0.000184	0.00146
RW-2	11/11/10	NS																		
RW-2	12/14/11	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	**0.00344**	<0.000183	<0.000183	<0.000183	<0.000183	0.00275
RW-2	12/06/12																			
RW-2	11/21/13	NS																		
RW-2	11/19/14	P&A																		
RW-3	11/12/08	<0.000922	<0.000922	0.000931	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	**0.00212**	<0.000922	0.000922	<0.000922	0.000993	0.00787	<0.000922	0.0021

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
RW-3	11/18/09	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.000906	<0.000185	<0.000185	<0.000185	0.00132	0.00526	<0.000185	0.00101
RW-3	11/11/10	NS																		
RW-3	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.00364	<0.000184	0.00126
RW-3	12/06/12	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	<0.000948	0.0076	<0.000948	<0.000948
RW-3	11/21/13	NS																		
RW-3	11/19/14	NS																		
RW-3	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.118**	**0.322**	<0.000200	<0.000200
RW-3	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-3	11/14/17	0.000203	0.000201	0.000192	**<0.000165**	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	<0.000165	0.000622	<0.000165	<0.000165	<0.000165	<0.000330			0.000568
RW-3	11/13/18	<0.00010	0.00016	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00012	<0.00010	<0.00010	<0.00010	0.00672			0.00023
RW-3	11/13/19	<0.000097	0.00020	0.00016	<0.000097	<0.000097	0.000099	<0.000097	<0.000097	**0.00056**	<0.000097	0.00014	0.00055	<0.000097	0.00035	0.00018	0.00307			0.00051
RW-3	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	**<0.0010**	<0.0010	<0.0010	0.0042			<0.0010
RW-3	12/07/21	0.00085	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.0018			0.00095
RW-3	11/10/22	0.0011	0.00021	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00174			-
RW-3	12/14/23	<0.0011	<0.0011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	0.00174			-
RW-3	12/09/24	NS																		
RW-4	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.00391**	<0.00184	**0.00442**	<0.00184	0.00766	0.0201	0.00836	0.00372
RW-4	11/18/09	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00118**	<0.000184	0.000935	<0.000184	0.00989	0.0168	0.00425	0.00144
RW-4	11/11/10	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00154**	<0.000184	0.000887	0.00489	0.000475	0.00111
RW-4	12/14/11	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	**0.00161**	<0.000184	0.00261	0.0106	<0.000184	0.00166
RW-4	12/06/12	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	<0.000962	0.00666	<0.000962	0.00583	0.0166	0.00838	<0.000962
RW-4	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0234**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0172**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-4	11/19/14	Not Sampled due to the presence of PSH.																		
RW-4	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**3.07**	<0.000200	0.0276
RW-4	11/09/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-4	11/14/17	0.000779	0.000502	<0.000168	**0.000441**	<0.000168	<0.000168	<0.000168	<0.000168	**0.000281**	<0.000168	<0.000168	**0.00230**	<0.000168	**0.00279**	0.000515	0.000822			0.00196
RW-4	11/13/18	<0.00010	0.00031	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.00065	<0.00010	0.00053	<0.00010	0.00981			0.00095
RW-4	11/13/19	0.0014	0.0021	<0.000098	**0.0013**	<0.000098	0.00061	<0.000098	0.00020	**0.0042**	<0.000098	**0.0013**	**0.0094**	<0.000098	**0.026**	**0.0016**	**0.06110**			0.017
RW-4	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	**<0.0010**	**0.0014**	<0.0010	0.0115			0.0014
RW-4	12/06/21	<0.0010	0.0021	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0011**	<0.00010	<0.00010	**0.0081**	<0.00010	**0.0051**	<0.00010	**0.0845**			0.0040
RW-4	11/11/22	<0.0011	0.0055	**0.017**	**<0.0011**	**<0.0011**	**<0.0011**	<0.0011	**<0.0011**	**0.022**	<0.0011	**0.0094**	**<0.0011**	**<0.0011**	**0.039**	**<0.0011**	**0.1123**			-

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TABLE 6

HISTORICAL POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
RW-4	12/14/23	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0013**	**0.012**	<0.0010	<0.0010	**0.030**	**0.0011**	**0.060**			-
RW-4	12/09/24	DRY																		
RW-5	11/12/08	<0.00184	<0.00184	0.00472	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.00466**	<0.00184	**0.0172**	**0.0266**	**0.0192**	<0.00184
RW-5	11/18/09	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	**0.00522**	<0.000926	**0.00683**	<0.000926	**0.0107**	**0.0461**	**0.0236**	0.00484
RW-5	11/11/10	NS																		
RW-5	12/14/11	PSH																		
RW-5	12/06/12	PSH																		
RW-5	11/21/13	PSH																		
RW-5	11/19/14	PSH																		
RW-5	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-5	11/08/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-5	11/14/17	0.000236	0.000239	0.000259	**0.000206**	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	<0.000166	**0.00123**	<0.000166	**0.00114**	<0.000166	0.000918			0.00126
RW-5	11/13/18	0.00011	0.00038	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	0.001	<0.00010	0.00095	<0.00010	**0.0355**			0.0011
RW-5	11/13/19	0.00097	0.0013	<0.000097	<0.000097	<0.000097	0.00044	<0.000097	0.00021	**0.0030**	<0.000097	0.00099	**0.0074**	<0.000097	**0.023**	**0.0021**	**0.0735**			0.0076
RW-5	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	**0.0014**	**<0.0010**	**0.0011**	<0.0010	0.0185			0.0020
RW-5	12/06/21	0.0040	0.0011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00045**	<0.00010	<0.00010	**0.0025**	<0.00010	**0.0019**	<0.00010	0.0229			0.0036
RW-5	11/11/22	PSH																		
RW-5	12/14/23	PSH																		
RW-5	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0027**	<0.000083	**0.0058**	<0.000083	**0.488**			<0.000083
RW-6	11/12/08	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	<0.00184	**0.0106**	<0.00184	**0.011**	<0.00184	<0.00184	**0.0381**	**0.0245**	0.00901
RW-6	11/18/09	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	<0.00463	**0.0748**	<0.00463	**0.107**	<0.00463	**0.0222**	**0.413**	**0.0617**	0.0690
RW-6	11/11/10	NS																		
RW-6	12/14/11	PSH																		
RW-6	12/06/12	PSH																		
RW-6	11/21/13	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.0166**	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-6	11/19/14	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**0.112**	<0.000200	<0.000200
RW-6	11/18/15	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	**1.08**	<0.000200	<0.000200
RW-6	11/18/16	<0.000200	<0.000200	<0.000200	<0.0000721*	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200	<0.000200
RW-6	11/14/17	0.000787	0.000754	0.00078	**0.000581**	<0.000169	<0.000169	<0.000169	<0.000169	**0.000277**	<0.000169	0.000267	**0.00242**	<0.000169	**0.00197**	0.000369	<0.000338			0.00211
RW-6	11/13/18	0.00011	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.00043**	<0.00010	0.00022	<0.00010	0.00322			0.00045

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PLAINS MARKETING, L.P.
TNM 97-17
SRS NO. TNM 97-17
LEA COUNTY, NEW MEXICO
NMOCD INCIDENT NO. nAPP2109542960

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																	
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Phenanthrene	Pyrene	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		---	---	**0.001 mg/L**	**0.0001 mg/L**	**0.0007 mg/L**	**0.001 mg/L**	---	**0.001 mg/L**	**0.0002 mg/L**	**0.0003 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.0004 mg/L**	**0.001 mg/L**	**0.001 mg/L**	**0.03 mg/L**			---
RW-6	11/13/19	0.00078	0.0015	0.0021	**0.00049**	<0.000096	0.00030	<0.000096	0.00018	**0.0031**	<0.000096	0.00088	**0.0084**	<0.000096	**0.016**	0.00036	0.0255			0.0066
RW-6	12/10/20	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	**0.0022**	**<0.0010**	**0.0015**	<0.0010	0.0124			0.0027
RW-6	12/06/21	0.0064	0.0020	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	**0.0012**	<0.00010	<0.00010	**0.0056**	<0.00010	**0.0026**	0.00077	0.017			0.0044
RW-6	11.11.22	<0.0010	0.0014	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	<0.0010	**<0.0010**	**<0.0010**	<0.0010	<0.0010	**<0.0010**	**0.011**	<0.0010	**0.472**			-
RW-6	12/14/23	0.0012	0.0015	0.0028	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0066**	<0.0010	**0.0077**	**0.0022**	**0.083**	**0.0505**			-
RW-6	12/11/24	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	<0.000083	**0.0016**	<0.000083	**0.0030**	<0.000083	0.0298			<0.000083

Notes:

1. Polynuclear Aromatic Hydrocarbon (PAH) analysis by Environmental Protection Agency (EPA) Method SW846-8270C, 3510.
2. All reported concentrations are reported as milligrams per liter (mg/L).
3. Bold font indicates laboratory results exceeding NMWQCC Drinking Water Standards.
4. < - Not detected above the Sample Detection Limit.
5 NS - Not sampled.
6. PSH - Phase Separated Hydrocarbons.
7. DRY - No fluid measured in corresponding well or not enough fluid to collect sample.
8. P&A - Plugged and abandoned.

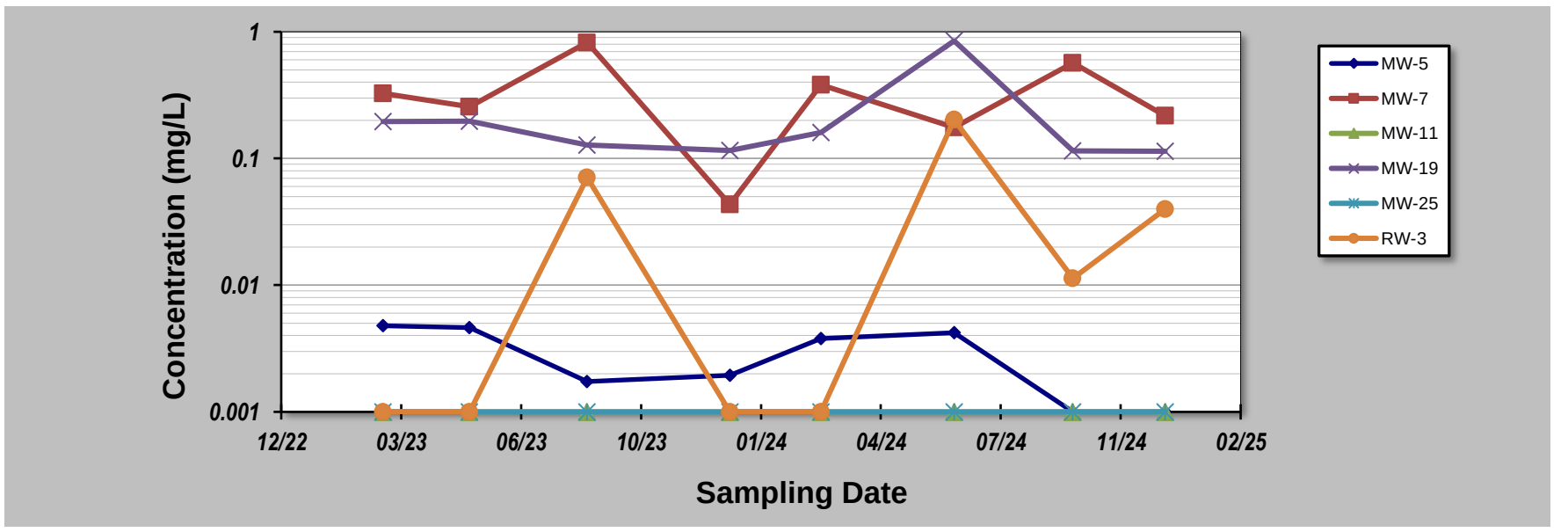
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Table 7

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Benzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3
Sampling Event	Sampling Date	BENZENE CONCENTRATION (mg/L)					
1	28-Feb-23	0.00478	0.327	0.001	0.196	0.001	0.001
2	11-May-23	0.00463	0.257	0.001	0.197	0.001	0.001
3	17-Aug-23	0.00174	0.824	0.001	0.128	0.001	0.0707
4	14-Dec-23	0.00194	0.0434	0.001	0.116	0.001	0.001
5	28-Feb-24	0.00379	0.381	0.001	0.16	0.001	0.001
6	18-Jun-24	0.00423	0.176	0.001	0.848	0.001	0.202
7	25-Sep-24	0.001	0.567	0.001	0.115	0.001	0.0113
8	11-Dec-24	0.001	0.218	0.001	0.114	0.001	0.0398
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.56	0.70	0.00	1.07	0.00	1.70
Mann-Kendall Statistic (S):		-15	-2	0	-12	0	10
Confidence Factor:		95.8%	54.8%	45.2%	91.1%	45.2%	86.2%
Concentration Trend:		Decreasing	Stable	Stable	Prob. Decreasing	Stable	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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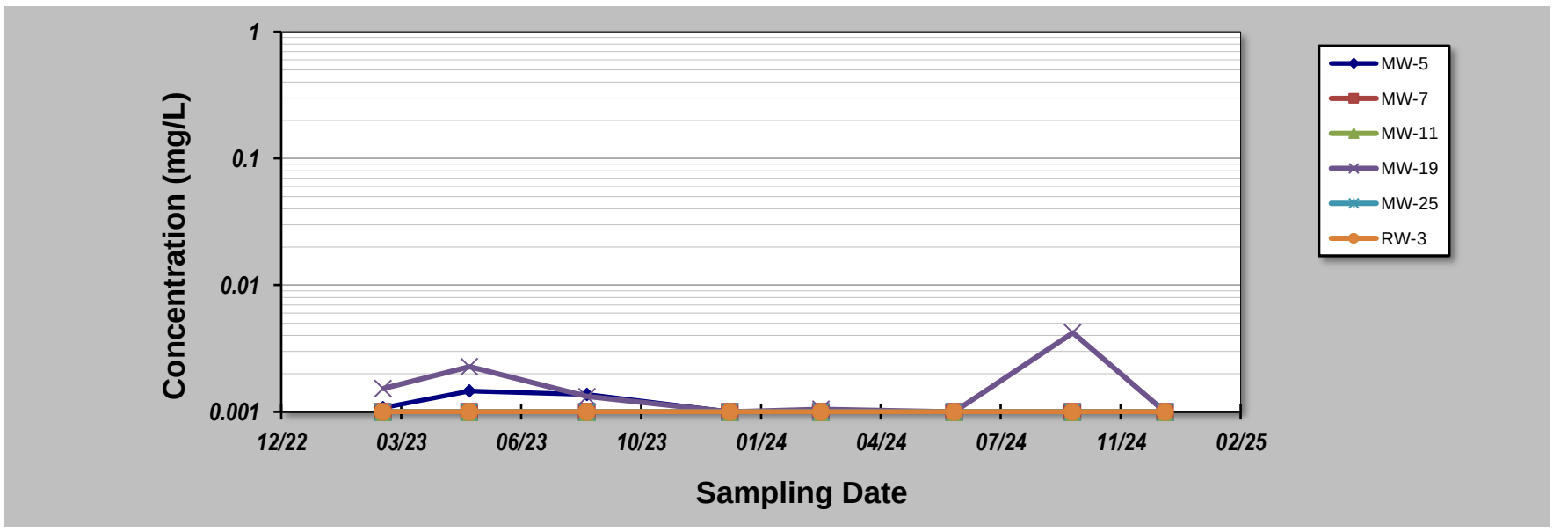
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Table 8

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Toluene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3
Sampling Event	Sampling Date	TOLUENE CONCENTRATION (mg/L)					
1	28-Feb-23	0.00108	0.001	0.001	0.00153	0.001	0.001
2	11-May-23	0.00146	0.001	0.001	0.00227	0.001	0.001
3	17-Aug-23	0.00137	0.001	0.001	0.00132	0.001	0.001
4	14-Dec-23	0.001	0.001	0.001	0.001	0.001	0.001
5	28-Feb-24	0.001	0.001	0.001	0.00105	0.001	0.001
6	18-Jun-24	0.001	0.001	0.001	0.001	0.001	0.001
7	25-Sep-24	0.001	0.001	0.001	0.00421	0.001	0.001
8	11-Dec-24	0.001	0.001	0.001	0.001	0.001	0.001
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10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		0.17	0.00	0.00	0.67	0.00	0.00
Mann-Kendall Statistic (S):		-14	0	0	-9	0	0
Confidence Factor:		94.6%	45.2%	45.2%	83.2%	45.2%	45.2%
Concentration Trend:		Prob. Decreasing	Stable	Stable	Stable	Stable	Stable



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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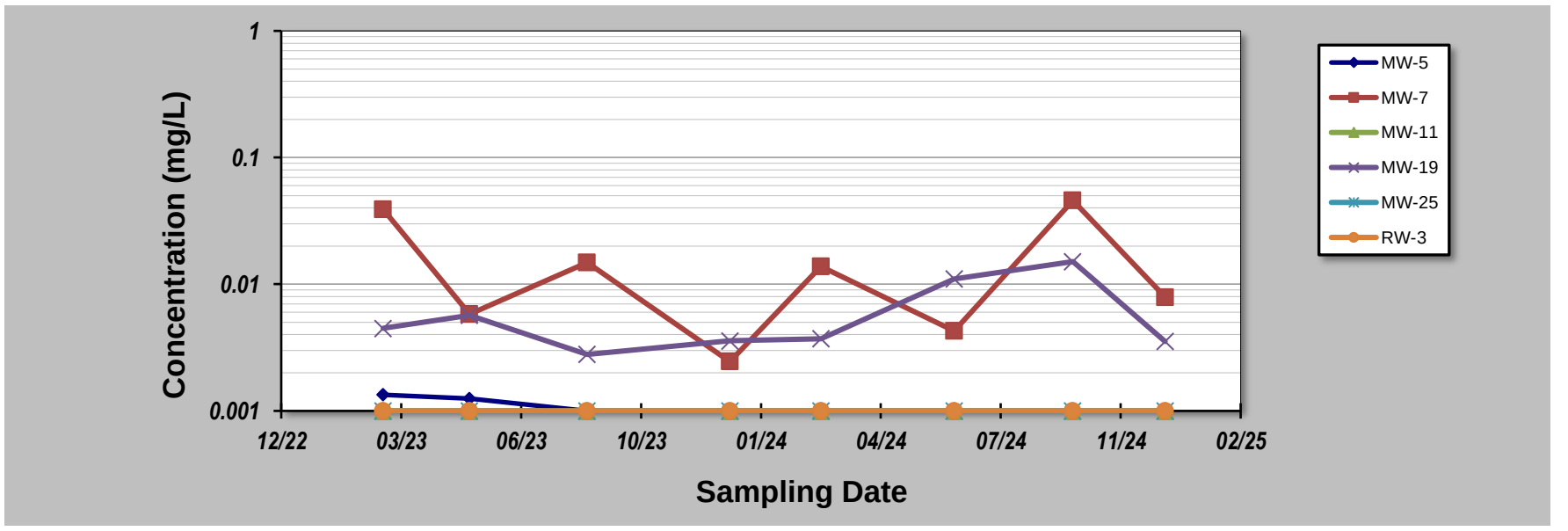
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Table 9

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Ethylbenzene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	ETHYLBENZENE CONCENTRATION (mg/L)						
1	28-Feb-23	0.00134	0.039	0.001	0.00448	0.001	0.001	
2	11-May-23	0.00125	0.00579	0.001	0.00567	0.001	0.001	
3	17-Aug-23	0.001	0.0148	0.001	0.00279	0.001	0.001	
4	14-Dec-23	0.001	0.00245	0.001	0.00357	0.001	0.001	
5	28-Feb-24	0.001	0.0138	0.001	0.00372	0.001	0.001	
6	18-Jun-24	0.001	0.00429	0.001	0.011	0.001	0.001	
7	25-Sep-24	0.001	0.0458	0.001	0.0151	0.001	0.001	
8	11-Dec-24	0.001	0.00791	0.001	0.00354	0.001	0.001	
9								
10								
11								
12								
13								
14								
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17								
18								
19								
20								
Coefficient of Variation:		0.13	0.99	0.00	0.71	0.00	0.00	
Mann-Kendall Statistic (S):		-13	-2	0	4	0	0	
Confidence Factor:		92.9%	54.8%	45.2%	64.0%	45.2%	45.2%	
Concentration Trend:		Prob. Decreasing	Stable	Stable	No Trend	Stable	Stable	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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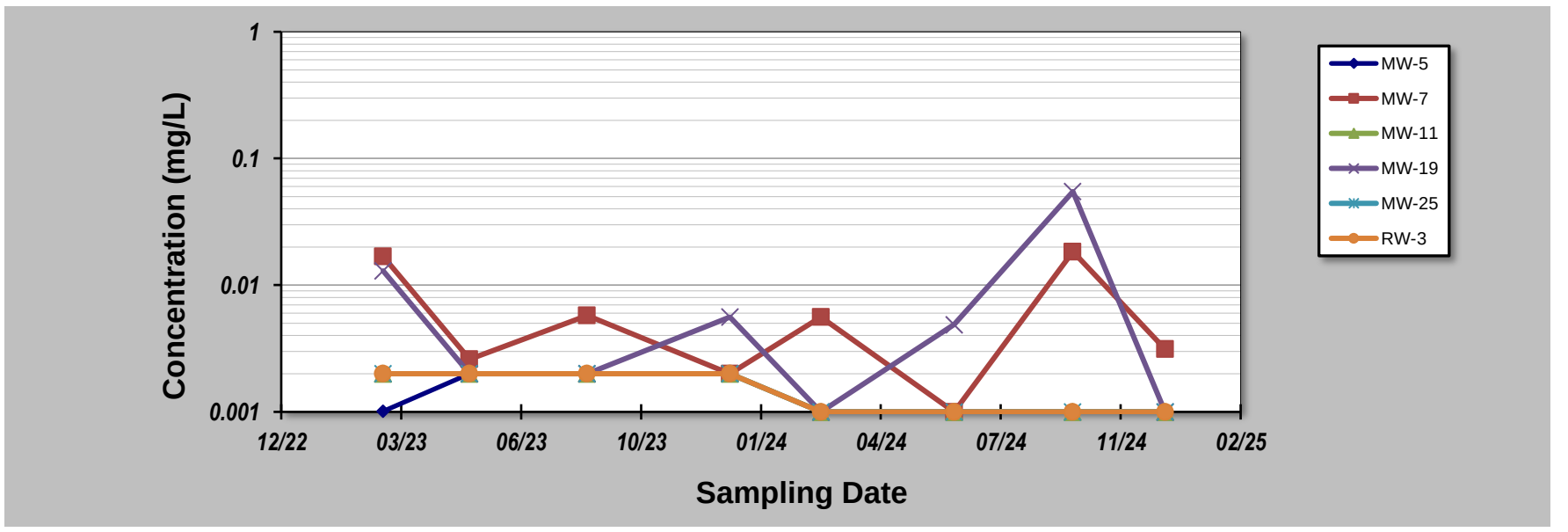
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Table 10

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Xylenes
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	XYLENES CONCENTRATION (mg/L)						
1	28-Feb-23	0.00101	0.01683	0.002	0.013	0.002	0.002	
2	11-May-23	0.002	0.0026	0.002	0.002	0.002	0.002	
3	17-Aug-23	0.002	0.00575	0.002	0.002	0.002	0.002	
4	14-Dec-23	0.002	0.002	0.002	0.00562	0.002	0.002	
5	28-Feb-24	0.001	0.0056	0.001	0.001	0.001	0.001	
6	18-Jun-24	0.001	0.001	0.001	0.00488	0.001	0.001	
7	25-Sep-24	0.001	0.0184	0.001	0.0548	0.001	0.001	
8	11-Dec-24	0.001	0.00313	0.001	0.001	0.001	0.001	
9								
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11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.38	0.99	0.36	1.74	0.36	0.36	
Mann-Kendall Statistic (S):		-13	-4	-16	-4	-16	-16	
Confidence Factor:		92.9%	64.0%	96.9%	64.0%	96.9%	96.9%	
Concentration Trend:		Prob. Decreasing	Stable	Decreasing	No Trend	Decreasing	Decreasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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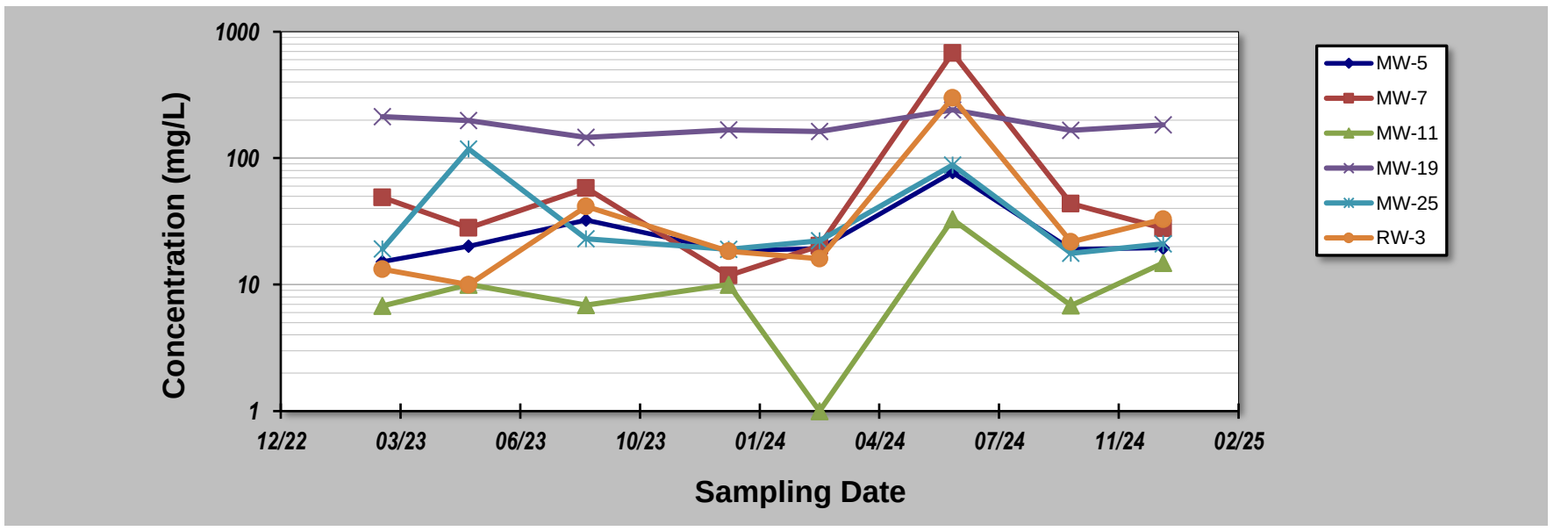
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Table 11

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Total Organic Carbon
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	TOTAL ORGANIC CARBON CONCENTRATION (mg/L)						
1	28-Feb-23	15.2	49.1	6.77	213	19.2	13.2	
2	11-May-23	20.2	28.1	10	198	118	10	
3	17-Aug-23	32.5	58.1	6.87	146	23	41.5	
4	14-Dec-23	18.5	11.8	10	167	19	18.3	
5	28-Feb-24	19.3	20.3	1	162	22.2	16	
6	18-Jun-24	77.2	680	32.8	241	88.1	300	
7	25-Sep-24	19	43.8	6.84	166	17.7	21.8	
8	11-Dec-24	19.5	27.9	14.8	183	21	32.8	
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10								
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20								
Coefficient of Variation:		0.75	1.99	0.86	0.17	0.95	1.74	
Mann-Kendall Statistic (S):		6	-2	7	-2	-6	12	
Confidence Factor:		72.6%	54.8%	76.4%	54.8%	72.6%	91.1%	
Concentration Trend:		No Trend	No Trend	No Trend	Stable	Stable	Prob. Increasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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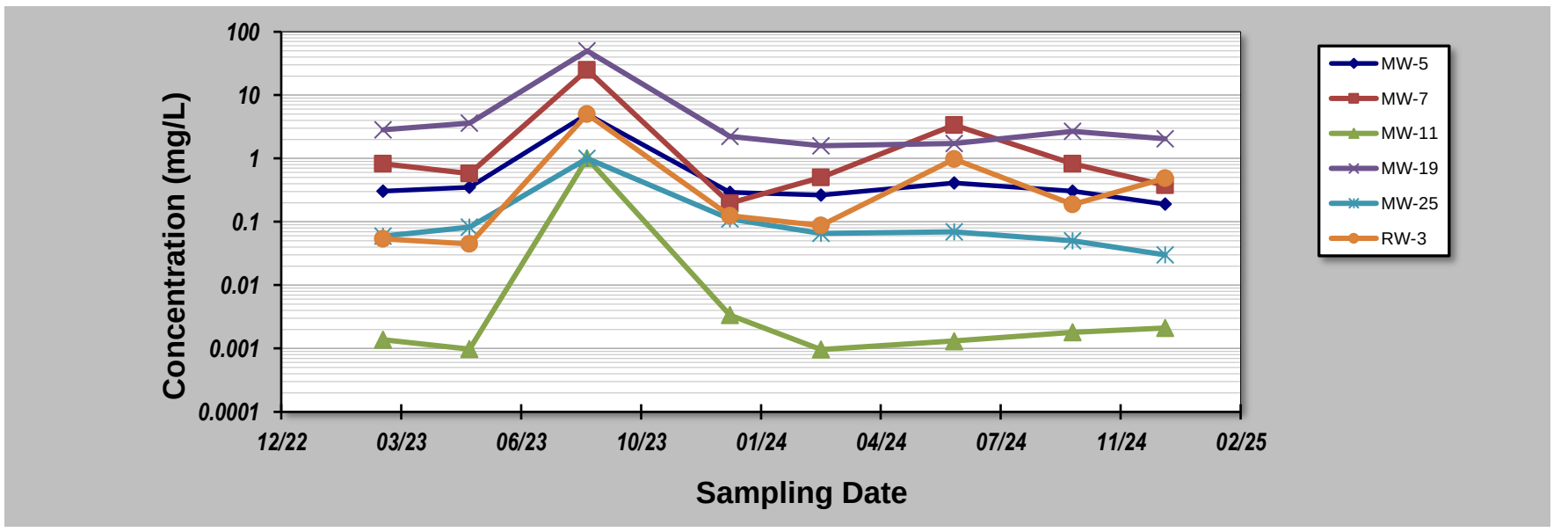
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Table 12

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Dissolved Methane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	DISSOLVED METHANE CONCENTRATION (mg/L)						
1	28-Feb-23	0.303	0.822	0.00137	2.85	0.0595	0.0535	
2	11-May-23	0.349	0.576	0.000982	3.6	0.0822	0.0448	
3	17-Aug-23	5	25	1	50	1	5	
4	14-Dec-23	0.293	0.197	0.00339	2.22	0.111	0.124	
5	28-Feb-24	0.266	0.502	0.000964	1.59	0.0661	0.087	
6	18-Jun-24	0.408	3.36	0.00131	1.72	0.0693	0.978	
7	25-Sep-24	0.303	0.82	0.00181	2.67	0.0501	0.189	
8	11-Dec-24	0.19	0.379	0.00212	2.04	0.0301	0.488	
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20								
Coefficient of Variation:		1.87	2.16	2.79	2.02	1.80	1.95	
Mann-Kendall Statistic (S):		-9	-6	2	-10	-12	10	
Confidence Factor:		83.2%	72.6%	54.8%	86.2%	91.1%	86.2%	
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	Prob. Decreasing	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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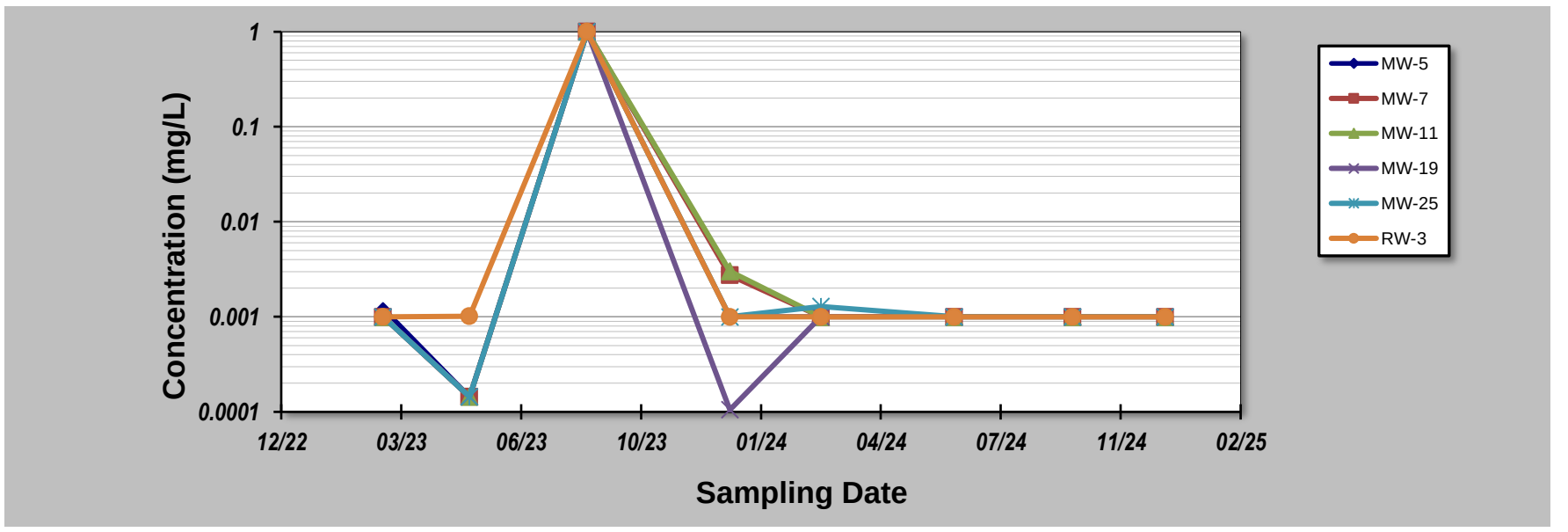
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Table 13

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Dissolved Ethane
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	DISSOLVED ETHANE CONCENTRATION (mg/L)						
1	28-Feb-23	0.00122	0.001	0.001	0.001	0.001	0.001	
2	11-May-23	0.000144	0.000144	0.000144	0.000144	0.000144	0.00101	
3	17-Aug-23	1	1	1	1	1	1	
4	14-Dec-23	0.001	0.00275	0.00301	0.000105	0.001	0.001	
5	28-Feb-24	0.001	0.001	0.001	0.001	0.00129	0.001	
6	18-Jun-24	0.001	0.001	0.001	0.001	0.001	0.001	
7	25-Sep-24	0.001	0.001	0.001	0.001	0.001	0.001	
8	11-Dec-24	0.001	0.001	0.001	0.001	0.001	0.001	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		2.81	2.80	2.80	2.81	2.81	2.81	
Mann-Kendall Statistic (S):		-4	-2	-2	2	0	-7	
Confidence Factor:		64.0%	54.8%	54.8%	54.8%	45.2%	76.4%	
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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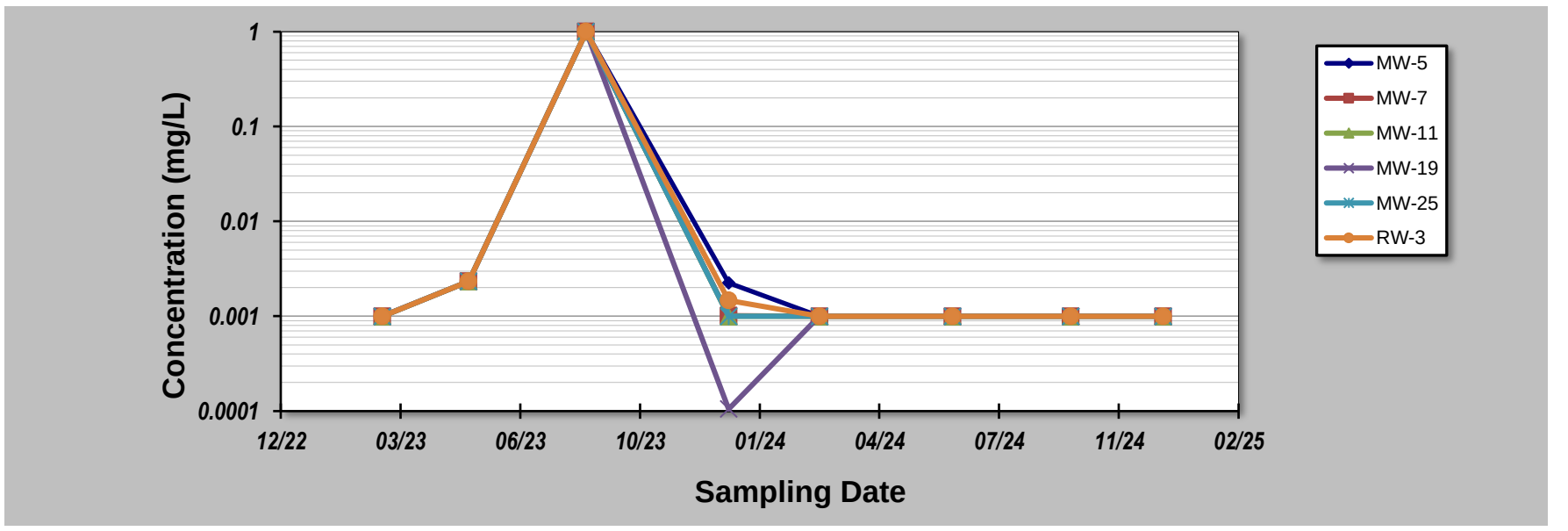
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Table 14

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Dissolved Ethene
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3
Sampling Event	Sampling Date	DISSOLVED ETHENE CONCENTRATION (mg/L)					
1	28-Feb-23	0.001	0.001	0.001	0.001	0.001	0.001
2	11-May-23	0.00234	0.00234	0.00234	0.00234	0.00234	0.00234
3	17-Aug-23	1	1	1	1	1	1
4	14-Dec-23	0.00225	0.00101	0.001	0.000105	0.001	0.00147
5	28-Feb-24	0.001	0.001	0.001	0.001	0.001	0.001
6	18-Jun-24	0.001	0.001	0.001	0.001	0.001	0.001
7	25-Sep-24	0.001	0.001	0.001	0.001	0.001	0.001
8	11-Dec-24	0.001	0.001	0.001	0.001	0.001	0.001
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
Coefficient of Variation:		2.80	2.80	2.80	2.80	2.80	2.80
Mann-Kendall Statistic (S):		-10	-10	-7	-4	-7	-10
Confidence Factor:		86.2%	86.2%	76.4%	64.0%	76.4%	86.2%
Concentration Trend:		No Trend	No Trend	No Trend	No Trend	No Trend	No Trend



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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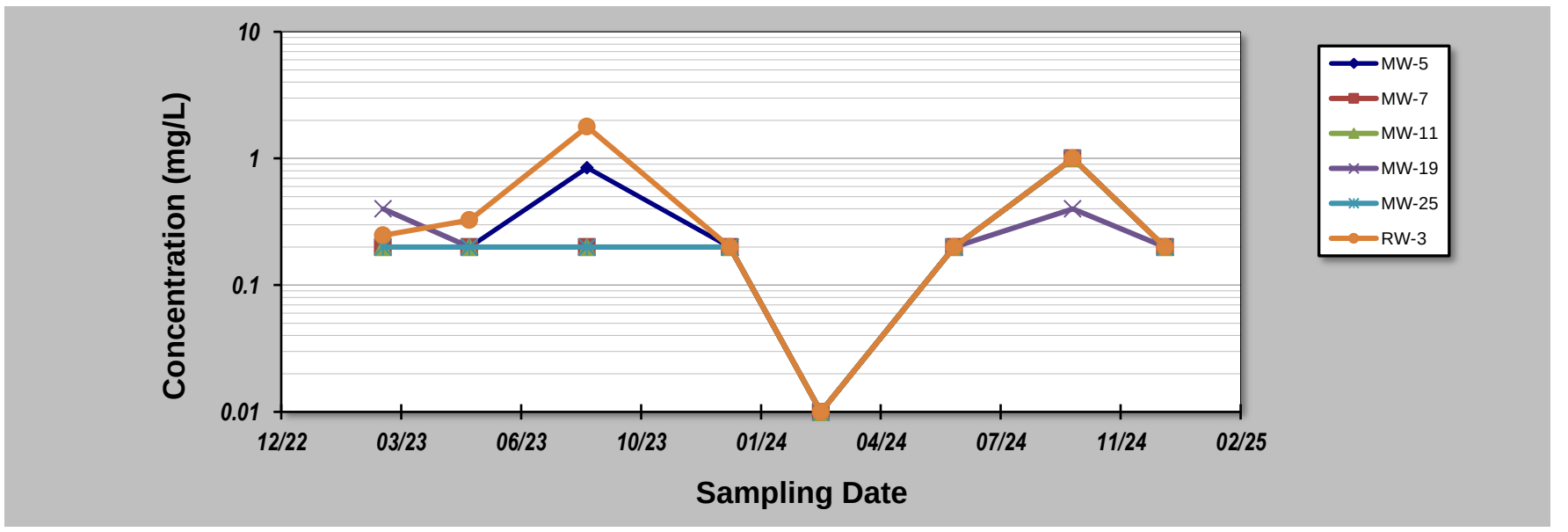
GSI Environmental Inc., www.gsi-net.com

Table 15

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Dissolved Iron
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	DISSOLVED IRON CONCENTRATION (mg/L)						
1	28-Feb-23	0.2	0.2	0.2	0.4	0.2	0.247	
2	11-May-23	0.2	0.2	0.2	0.2	0.2	0.326	
3	17-Aug-23	0.847	0.2	0.2	0.2	0.2	1.78	
4	14-Dec-23	0.2	0.2	0.2	0.2	0.2	0.2	
5	28-Feb-24	0.01	0.01	0.01	0.01	0.01	0.01	
6	18-Jun-24	0.2	0.2	0.2	0.2	0.2	0.2	
7	25-Sep-24	1	1	1	0.4	1	1	
8	11-Dec-24	0.2	0.2	0.2	0.2	0.2	0.2	
9								
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11								
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13								
14								
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16								
17								
18								
19								
20								
Coefficient of Variation:		1.00	1.09	1.09	0.56	1.09	1.20	
Mann-Kendall Statistic (S):		2	3	3	-3	3	-5	
Confidence Factor:		54.8%	59.4%	59.4%	59.4%	59.4%	68.3%	
Concentration Trend:		No Trend	No Trend	No Trend	Stable	No Trend	No Trend	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
4. Red values are the reporting limit and are non-detect results.

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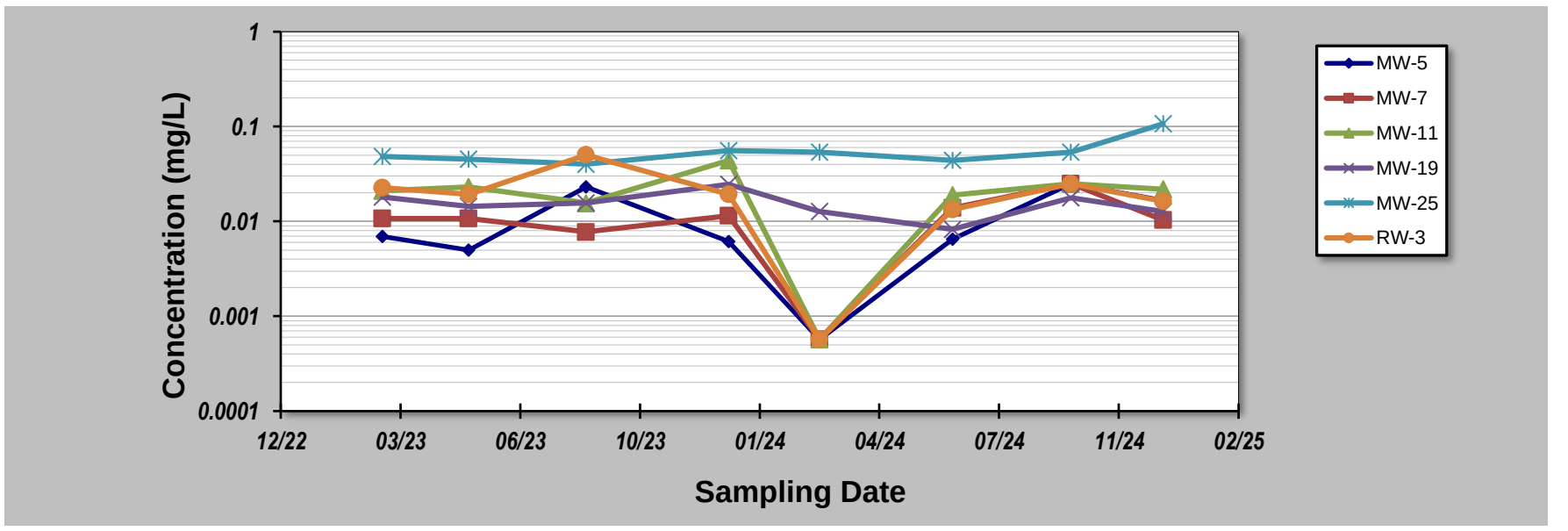
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Table 16

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Dissolved Manganese
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	DISSOLVED MANGANESE CONCENTRATION (mg/L)						
1	28-Feb-23	0.00693	0.0107	0.0211	0.0181	0.0484	0.0226	
2	11-May-23	0.005	0.0107	0.0231	0.0144	0.0454	0.0193	
3	17-Aug-23	0.0231	0.00774	0.0156	0.0157	0.0402	0.0501	
4	14-Dec-23	0.00616	0.0115	0.0439	0.0246	0.0556	0.0193	
5	28-Feb-24	0.00057	0.00057	0.00057	0.0127	0.0539	0.00057	
6	18-Jun-24	0.00651	0.0139	0.0189	0.00826	0.0439	0.0134	
7	25-Sep-24	0.025	0.025	0.025	0.0178	0.0536	0.025	
8	11-Dec-24	0.0166	0.0103	0.0219	0.0127	0.107	0.0163	
9								
10								
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12								
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14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.81	0.60	0.56	0.31	0.38	0.67	
Mann-Kendall Statistic (S):		6	5	2	-9	8	-7	
Confidence Factor:		72.6%	68.3%	54.8%	83.2%	80.1%	76.4%	
Concentration Trend:		No Trend	No Trend	No Trend	Stable	No Trend	Stable	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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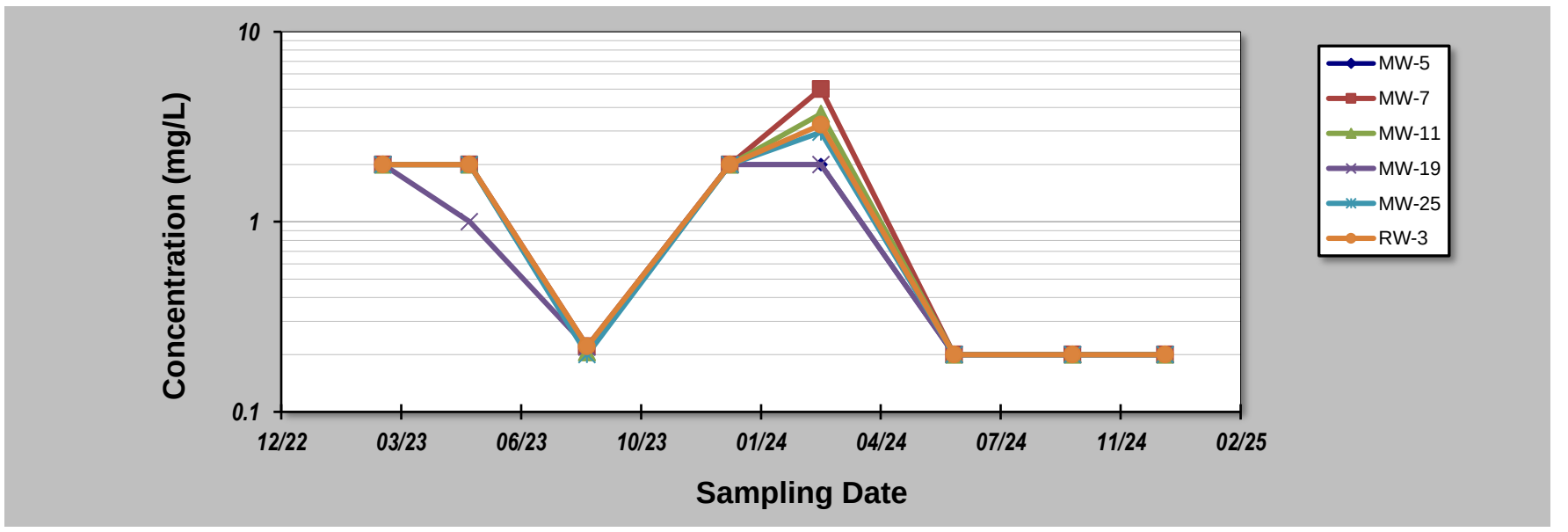
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Table 17

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Nitrate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	NITRATE CONCENTRATION (mg/L)						
1	28-Feb-23	2	2	2	2	2	2	
2	11-May-23	2	2	2	1	2	2	
3	17-Aug-23	0.22	0.221	0.206	0.219	0.2	0.221	
4	14-Dec-23	2	2	2	2	2	2	
5	28-Feb-24	2	5	3.7	2	2.96	3.24	
6	18-Jun-24	0.2	0.2	0.2	0.2	0.2	0.2	
7	25-Sep-24	0.2	0.2	0.2	0.2	0.2	0.2	
8	11-Dec-24	0.2	0.2	0.2	0.2	0.2	0.2	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.87	1.14	1.00	0.91	0.93	0.95	
Mann-Kendall Statistic (S):		-15	-12	-12	-14	-9	-12	
Confidence Factor:		95.8%	91.1%	91.1%	94.6%	83.2%	91.1%	
Concentration Trend:		Decreasing	Prob. Decreasing	Prob. Decreasing	Prob. Decreasing	Stable	Prob. Decreasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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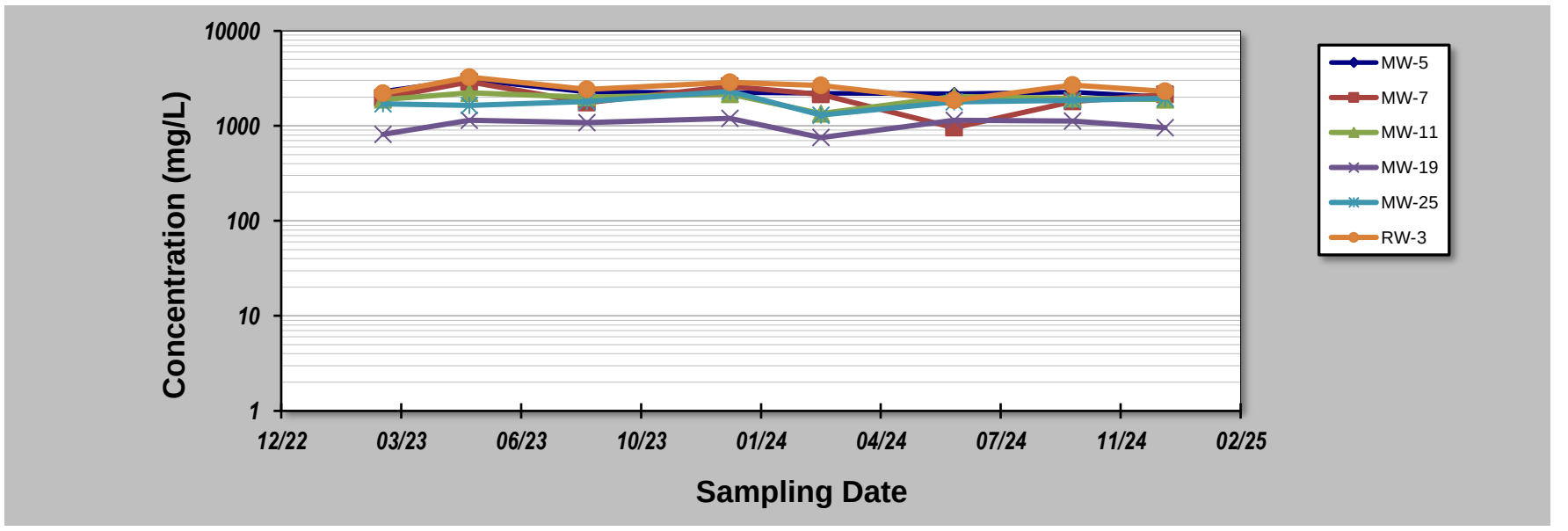
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Table 18

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Sulfate
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	SULFATE CONCENTRATION (mg/L)						
1	28-Feb-23	2320	1970	1900	815	1700	2210	
2	11-May-23	3080	2910	2230	1150	1640	3260	
3	17-Aug-23	2270	1750	2010	1080	1800	2420	
4	14-Dec-23	2250	2620	2170	1200	2310	2860	
5	28-Feb-24	2210	2140	1350	753	1300	2670	
6	18-Jun-24	2190	956	2040	1150	1790	1850	
7	25-Sep-24	2260	1810	1950	1120	1850	2700	
8	11-Dec-24	2010	2140	1890	954	1940	2320	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.14	0.29	0.14	0.16	0.16	0.17	
Mann-Kendall Statistic (S):		-20	-5	-8	-1	10	-4	
Confidence Factor:		99.3%	68.3%	80.1%	50.0%	86.2%	64.0%	
Concentration Trend:		Decreasing	Stable	Stable	Stable	No Trend	Stable	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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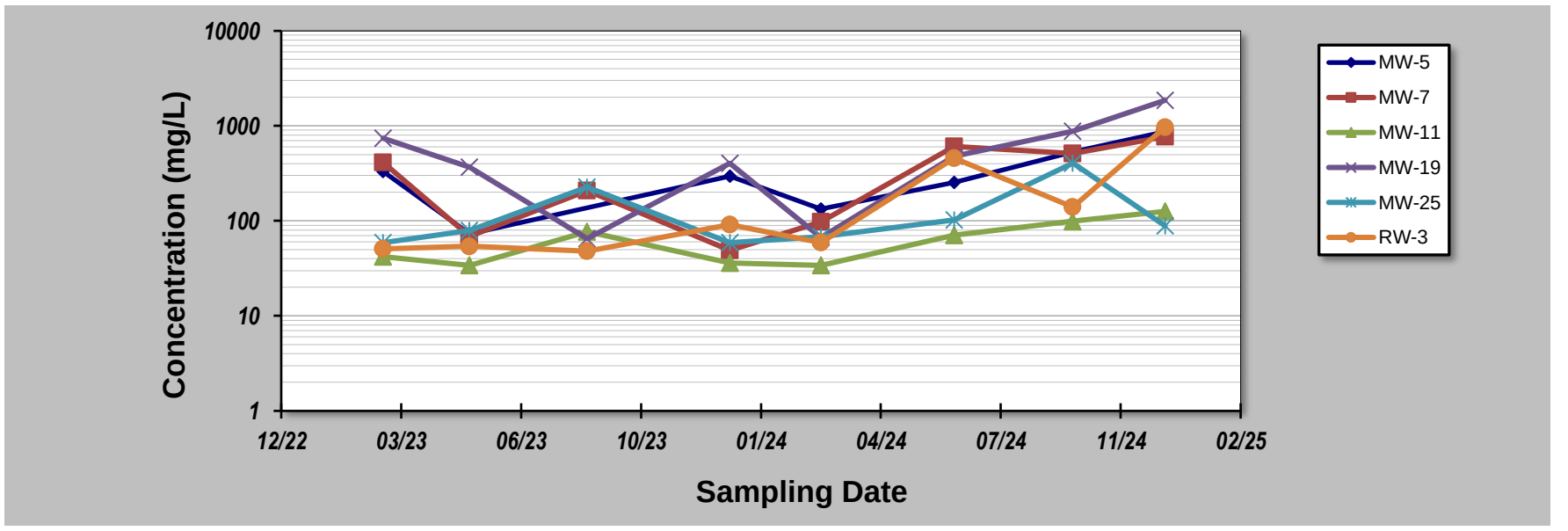
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Table 19

GSI MANN-KENDALL TOOLKIT
for Constituent Trend Analysis

Evaluation Date:	4-Feb-25	Job ID:	014178
Facility Name:	TNM 97-17	Constituent:	Chemical Oxygen Demand
Conducted By:	TRC	Concentration Units:	mg/L

Sampling Point ID:	MW-5	MW-7	MW-11	MW-19	MW-25	RW-3	
Sampling Event	Sampling Date	CHEMICAL OXYGEN DEMAND CONCENTRATION (mg/L)						
1	28-Feb-23	330	410	42	740	59	51	
2	11-May-23	73	69	34	367	79	54	
3	17-Aug-23		208	77	65	227	48	
4	14-Dec-23	296	49	36	406	59	91	
5	28-Feb-24	134	98	34	67	68	59	
6	18-Jun-24	254	606	71	479	102	457	
7	25-Sep-24	532	510	99	879	406	140	
8	11-Dec-24	870	770	126	1860	89	970	
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
Coefficient of Variation:		0.76	0.80	0.53	0.96	0.90	1.40	
Mann-Kendall Statistic (S):		9	12	13	12	11	20	
Confidence Factor:		88.1%	91.1%	92.9%	91.1%	88.7%	99.3%	
Concentration Trend:		No Trend	Prob. Increasing	Prob. Increasing	Prob. Increasing	No Trend	Increasing	



Notes:

1. At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
2. Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0): >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S>0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
3. Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.
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APPENDICES

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico

Lab Order Number: 4C06003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/08/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	4C06003-01	Water	02/27/24 14:20	03-06-2024 08:10
RW-6	4C06003-02	Water	02/27/24 14:55	03-06-2024 08:10
RW-1	4C06003-03	Water	02/27/24 15:37	03-06-2024 08:10
MW-14	4C06003-04	Water	02/27/24 16:03	03-06-2024 08:10
RW-4	4C06003-05	Water	02/27/24 16:29	03-06-2024 08:10
MW-4	4C06003-06	Water	02/27/24 16:57	03-06-2024 08:10
RW-5	4C06003-07	Water	02/27/24 17:42	03-06-2024 08:10

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4C06003-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:17	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:17	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:17	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:17	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 09:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.4 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 09:17*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-6

4C06003-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0991**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:40	EPA 8021B	
Toluene	**0.0105**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:40	EPA 8021B	
Ethylbenzene	**0.0169**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:40	EPA 8021B	
Xylene (p/m)	**0.0261**	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:40	EPA 8021B	
Xylene (o)	**0.0132**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 09:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 09:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.9 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 09:40*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4C06003-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00117**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:03	EPA 8021B	
Toluene	**0.00230**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:03	EPA 8021B	
Ethylbenzene	**0.00301**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:03	EPA 8021B	
Xylene (p/m)	**0.00228**	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:03	EPA 8021B	
Xylene (o)	**0.00552**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 10:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.5 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 10:03*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-14

4C06003-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.228**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:56	EPA 8021B	
Toluene	**0.00185**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:56	EPA 8021B	
Ethylbenzene	**0.171**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:56	EPA 8021B	
Xylene (p/m)	**0.0395**	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:56	EPA 8021B	
Xylene (o)	**0.00381**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 10:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 10:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.0 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 10:56*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-4

4C06003-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.271**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 11:19	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 11:19	EPA 8021B	
Ethylbenzene	**0.0813**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 11:19	EPA 8021B	
Xylene (p/m)	**0.0394**	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 11:19	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 11:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 11:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.3 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 11:19*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4C06003-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.29**	0.00500	mg/L	5	P4C0616	03/06/24 14:20	03/07/24 11:43	EPA 8021B	
Toluene	**0.00950**	0.00500	mg/L	5	P4C0616	03/06/24 14:20	03/07/24 11:43	EPA 8021B	
Ethylbenzene	**0.0203**	0.00500	mg/L	5	P4C0616	03/06/24 14:20	03/07/24 11:43	EPA 8021B	
Xylene (p/m)	**0.0366**	0.0100	mg/L	5	P4C0616	03/06/24 14:20	03/07/24 11:43	EPA 8021B	
Xylene (o)	**0.0136**	0.00500	mg/L	5	P4C0616	03/06/24 14:20	03/07/24 11:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	*97.3 %*		*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 11:43*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene	*89.2 %*		*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 11:43*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-5

4C06003-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.320**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 12:53	EPA 8021B	
Toluene	**0.00329**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 12:53	EPA 8021B	
Ethylbenzene	**0.0313**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 12:53	EPA 8021B	
Xylene (p/m)	**0.0388**	0.00200	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 12:53	EPA 8021B	
Xylene (o)	**0.00309**	0.00100	mg/L	1	P4C0616	03/06/24 14:20	03/07/24 12:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 12:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*88.5 %*	*80-120*		*P4C0616*	*03/06/24 14:20*	*03/07/24 12:53*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0616 - * DEFAULT PREP *** **										
Blank (P4C0616-BLK1)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.5*	*80-120*			
LCS (P4C0616-BS1)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.112	0.00100	mg/L	0.100		112	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.213	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0997	0.00100	"	0.100		99.7	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.4*	*80-120*			
LCS Dup (P4C0616-BSD1)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.0990	0.00100	mg/L	0.100		99.0	80-120	12.4	20	
Toluene	0.0896	0.00100	"	0.100		89.6	80-120	14.3	20	
Ethylbenzene	0.0924	0.00100	"	0.100		92.4	80-120	14.1	20	
Xylene (p/m)	0.187	0.00200	"	0.200		93.5	80-120	13.2	20	
Xylene (o)	0.0877	0.00100	"	0.100		87.7	80-120	12.8	20	
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*95.5*	*80-120*			
Calibration Blank (P4C0616-CCB1)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.310		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.6*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0616 - * DEFAULT PREP *** **										
Calibration Blank (P4C0616-CCB2)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.260		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.140		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.2*	*80-120*			
Calibration Check (P4C0616-CCV1)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.3*	*80-120*			
Calibration Check (P4C0616-CCV2)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0967	0.00100	"	0.100		96.7	80-120			
Xylene (p/m)	0.205	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0982	0.00100	"	0.100		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.7*	*80-120*			
Calibration Check (P4C0616-CCV3)				Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.211	0.00200	"	0.200		105	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*89.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.107*		*"*	*0.120*		*88.9*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0616 - * DEFAULT PREP *** **										
Matrix Spike (P4C0616-MS1)	**Source: 4C05013-01**			Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.0882	0.00100	mg/L	0.100	ND	88.2	80-120			
Toluene	0.0626	0.00100	"	0.100	ND	62.6	80-120			QM-05
Ethylbenzene	0.0589	0.00100	"	0.100	ND	58.9	80-120			QM-05
Xylene (p/m)	0.115	0.00200	"	0.200	ND	57.4	80-120			QM-05
Xylene (o)	0.0552	0.00100	"	0.100	ND	55.2	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		"	*0.120*		*94.1*	*80-120*			
Matrix Spike Dup (P4C0616-MSD1)	**Source: 4C05013-01**			Prepared: 03/06/24 Analyzed: 03/07/24						
Benzene	0.0989	0.00100	mg/L	0.100	ND	98.9	80-120	11.4	20	
Toluene	0.0711	0.00100	"	0.100	ND	71.1	80-120	12.6	20	QM-05
Ethylbenzene	0.0661	0.00100	"	0.100	ND	66.1	80-120	11.6	20	QM-05
Xylene (p/m)	0.130	0.00200	"	0.200	ND	65.1	80-120	12.5	20	QM-05
Xylene (o)	0.0619	0.00100	"	0.100	ND	61.9	80-120	11.4	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		"	*0.120*		*95.0*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/8/2024

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

TRC Solutions- Midland, Texas	Project:	97-17
10 Desta Dr STE 150E	Project Number:	TNM 97-17
Midland TX, 79705	Project Manager:	Jonathan Repman

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 955-3561 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokafor@trccompanies.com, lmedina@trccompanies.com

Project Name: 97-17

Project #: SRS: TNM 97-17

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 4C016003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	TOTAL: Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-20			2-27-24	1420	1	3	X		3						GW						X		X
2	RW-6			"	1455	1	3	X		3						GW						X		X
3	RW-1			"	1537	1	3	X		3						GW						X		X
4	MW-14			"	1603	1	3	X		3						GW						X		X
5	RW-4			"	1629	1	3	X		3						GW						X		X
6	MW-4			"	1657	1	3	X		3						GW						X		X
	MW-15			—	—	1	3	X		3						GW						X		X
7	RW-5			2-27-24	1742	1	3	X		3						GW						X		X
	MW-6			—	—	1	3	X		3						GW						X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	3-6-24	0810			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	3/6/24	8 10

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 6.0 °C
Adjusted: 6.0 °C Factor 1.3 NCF

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: 97-17_MNA

Project Number: TNM 97-17

Location: Lea County, NM

Lab Order Number: 4B29001

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/27/24

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	4B29001-01	Water	02/28/24 10:45	02-29-2024 08:24
MW-11	4B29001-02	Water	02/28/24 11:30	02-29-2024 08:24
RW-3	4B29001-03	Water	02/28/24 12:05	02-29-2024 08:24
MW-5	4B29001-04	Water	02/28/24 12:40	02-29-2024 08:24
MW-7	4B29001-05	Water	02/28/24 13:08	02-29-2024 08:24
MW-19	4B29001-06	Water	02/28/24 14:03	02-29-2024 08:24

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4B29001-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:07	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:07	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:07	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/06/24 00:07*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.0 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/06/24 00:07*	*EPA 8021B*	
Ethane	**0.00129**	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:25	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:25	8015M	SUB-13
Methane	**0.0661**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 15:02	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**68.0**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	**2.96**	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 17:39	EPA 300.0	
Sulfate	**1300**	100	mg/L	100	P4C0511	03/05/24 15:18	03/05/24 22:09	EPA 300.0	
Total Organic Carbon	**22.2**	1.00	mg/L	1	P4C2113	03/08/24 15:52	03/08/24 15:52	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:49	EPA 6020A	SUB-13
Manganese	**0.0539**	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:49	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-11

4B29001-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.9 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 19:29*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.2 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 19:29*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:40	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:40	8015M	SUB-13
Methane	**0.000964**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:40	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**34.0**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	**3.70**	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 18:36	EPA 300.0	
Sulfate	**1350**	100	mg/L	100	P4C0511	03/05/24 15:18	03/05/24 23:07	EPA 300.0	
Total Organic Carbon	ND	1.00	mg/L	1	P4C2113	03/08/24 16:06	03/08/24 16:06	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:34	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:34	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-3

4B29001-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/06/24 00:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/06/24 00:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.3 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/06/24 00:51*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:48	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:48	8015M	SUB-13
Methane	**0.0870**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 15:15	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**59.0**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	**3.24**	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 18:56	EPA 300.0	
Sulfate	**2670**	100	mg/L	100	P4C0511	03/05/24 15:18	03/05/24 23:27	EPA 300.0	
Total Organic Carbon	**16.0**	1.00	mg/L	1	P4C2113	03/08/24 16:21	03/08/24 16:21	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:51	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:51	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-5

4B29001-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00379**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:53	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 19:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 19:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.7 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 19:53*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:59	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:59	8015M	SUB-13
Methane	**0.266**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 13:59	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**134**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	ND	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 19:15	EPA 300.0	
Sulfate	**2210**	100	mg/L	100	P4C0511	03/05/24 15:18	03/05/24 23:46	EPA 300.0	
Total Organic Carbon	**19.3**	1.00	mg/L	1	P4C2113	03/08/24 16:35	03/08/24 16:35	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:53	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:53	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4B29001-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.381**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:16	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:16	EPA 8021B	
Ethylbenzene	**0.0138**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:16	EPA 8021B	
Xylene (p/m)	**0.00560**	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 20:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*92.3 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 20:16*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 14:33	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 14:33	8015M	SUB-13
Methane	**0.502**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 15:41	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**98.0**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	**5.00**	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 19:34	EPA 300.0	
Sulfate	**2140**	100	mg/L	100	P4C0511	03/05/24 15:18	03/06/24 00:05	EPA 300.0	
Total Organic Carbon	**20.3**	1.00	mg/L	1	P4C2113	03/08/24 16:50	03/08/24 16:50	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:55	EPA 6020A	SUB-13
Manganese	ND	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 23:55	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-19

4B29001-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.160**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:39	EPA 8021B	
Toluene	**0.00105**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:39	EPA 8021B	
Ethylbenzene	**0.00372**	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4C0408	03/04/24 09:55	03/07/24 20:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 20:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*90.0 %*	*80-120*		*P4C0408*	*03/04/24 09:55*	*03/07/24 20:39*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 14:50	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 14:50	8015M	SUB-13
Methane	**1.59**	0.000500	mg/L	1	P4C2113	03/21/24 15:57	03/04/24 15:50	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**67.0**	2.00	mg/L	1	P4C1108	03/11/24 10:47	03/14/24 14:42	8000	
Nitrate as N	ND	2.00	mg/L	10	P4B2910	02/29/24 16:55	03/05/24 19:54	EPA 300.0	
Sulfate	**753**	100	mg/L	100	P4C0511	03/05/24 15:18	03/06/24 14:39	EPA 300.0	
Total Organic Carbon	**162**	1.00	mg/L	1	P4C2113	03/08/24 17:05	03/08/24 17:05	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.0100	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 16:53	EPA 6020A	SUB-13
Manganese	**0.0127**	0.000570	mg/L	1	P4C2113	03/05/24 11:00	03/05/24 16:53	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0408 - * DEFAULT PREP *** **										
Blank (P4C0408-BLK1)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
LCS (P4C0408-BS1)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0975	0.00100	"	0.100		97.5	80-120			
Ethylbenzene	0.0994	0.00100	"	0.100		99.4	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0951	0.00100	"	0.100		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*80-120*			
LCS Dup (P4C0408-BSD1)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.0956	0.00100	mg/L	0.100		95.6	80-120	8.98	20	
Toluene	0.0892	0.00100	"	0.100		89.2	80-120	8.82	20	
Ethylbenzene	0.0912	0.00100	"	0.100		91.2	80-120	8.59	20	
Xylene (p/m)	0.186	0.00200	"	0.200		92.8	80-120	8.45	20	
Xylene (o)	0.0870	0.00100	"	0.100		87.0	80-120	8.88	20	
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.2*	*80-120*			
Calibration Blank (P4C0408-CCB1)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.430		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.5*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0408 - * DEFAULT PREP *** **										
Calibration Blank (P4C0408-CCB2)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.320		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
Calibration Check (P4C0408-CCV1)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.0992	0.00100	"	0.100		99.2	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0985	0.00100	"	0.100		98.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.3*	*80-120*			
Calibration Check (P4C0408-CCV2)				Prepared: 03/04/24 Analyzed: 03/05/24						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120			
Toluene	0.0907	0.00100	"	0.100		90.7	80-120			
Ethylbenzene	0.0892	0.00100	"	0.100		89.2	80-120			
Xylene (p/m)	0.194	0.00200	"	0.200		96.9	80-120			
Xylene (o)	0.0914	0.00100	"	0.100		91.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.3*	*80-120*			
Calibration Check (P4C0408-CCV3)				Prepared: 03/04/24 Analyzed: 03/06/24						
Benzene	0.115	0.00100	mg/L	0.100		115	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		*"*	*0.120*		*97.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*93.8*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0408 - * DEFAULT PREP *** **										
Matrix Spike (P4C0408-MS1)	**Source: 4B28011-01**			Prepared: 03/04/24 Analyzed: 03/06/24						
Benzene	0.104	0.00100	mg/L	0.100	ND	104	80-120			
Toluene	0.0941	0.00100	"	0.100	ND	94.1	80-120			
Ethylbenzene	0.0967	0.00100	"	0.100	ND	96.7	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200	ND	98.4	80-120			
Xylene (o)	0.0920	0.00100	"	0.100	ND	92.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.120*		*"*	*0.120*		*99.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.6*	*80-120*			
Matrix Spike Dup (P4C0408-MSD1)	**Source: 4B28011-01**			Prepared: 03/04/24 Analyzed: 03/06/24						
Benzene	0.0983	0.00100	mg/L	0.100	ND	98.3	80-120	5.73	20	
Toluene	0.0887	0.00100	"	0.100	ND	88.7	80-120	5.92	20	
Ethylbenzene	0.0916	0.00100	"	0.100	ND	91.6	80-120	5.32	20	
Xylene (p/m)	0.186	0.00200	"	0.200	ND	92.9	80-120	5.72	20	
Xylene (o)	0.0866	0.00100	"	0.100	ND	86.6	80-120	6.08	20	
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*99.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.113*		*"*	*0.120*		*94.5*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4B2910 - * DEFAULT PREP *** **										
Blank (P4B2910-BLK1)				Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	ND	0.200	mg/L							
LCS (P4B2910-BS1)				Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	41.9		mg/L	40.0		105	90-110			
LCS Dup (P4B2910-BSD1)				Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	39.4		mg/L	40.0		98.5	90-110	6.13	10	
Calibration Check (P4B2910-CCV1)				Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	39.9		mg/L	40.0		99.8	90-110			
Calibration Check (P4B2910-CCV2)				Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	39.8		mg/L	40.0		99.5	90-110			
Matrix Spike (P4B2910-MS1)		**Source: 4B29001-01**		Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	21.1	0.200	mg/L	20.0	2.96	90.6	80-120			
Matrix Spike Dup (P4B2910-MSD1)		**Source: 4B29001-01**		Prepared: 02/29/24 Analyzed: 03/05/24						
Nitrate as N	19.5	0.200	mg/L	20.0	2.96	82.8	80-120	7.68	20	
Batch P4C0511 - * DEFAULT PREP *** **										
Blank (P4C0511-BLK1)				Prepared & Analyzed: 03/05/24						
Sulfate	ND	1.00	mg/L							
LCS (P4C0511-BS1)				Prepared & Analyzed: 03/05/24						
Sulfate	20.3		mg/L	20.0		102	90-110			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C0511 - * DEFAULT PREP *** **										
Calibration Check (P4C0511-CCV1)				Prepared & Analyzed: 03/05/24						
Sulfate	20.0		mg/L	20.0		99.9	90-110			
Calibration Check (P4C0511-CCV2)				Prepared: 03/05/24 Analyzed: 03/06/24						
Sulfate	19.8		mg/L	20.0		99.1	90-110			
Matrix Spike (P4C0511-MS1)		**Source: 4B29001-01**		Prepared & Analyzed: 03/05/24						
Sulfate	123		mg/L	100	13.0	110	80-120			
Matrix Spike Dup (P4C0511-MSD1)		**Source: 4B29001-01**		Prepared & Analyzed: 03/05/24						
Sulfate	128		mg/L	100	13.0	115	80-120	3.42	20	
Batch P4C1108 - * DEFAULT PREP *** **										
Blank (P4C1108-BLK1)				Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4C1108-BS1)				Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	117	2.00	mg/L	100		117	80-120			
LCS Dup (P4C1108-BSD1)				Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	123	2.00	mg/L	100		123	80-120	5.00	20	L1
Duplicate (P4C1108-DUP1)		**Source: 4B26009-01**		Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	66.0	2.00	mg/L		1260			180	20	R3
Duplicate (P4C1108-DUP2)		**Source: 4C07008-03**		Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	ND	2.00	mg/L		ND				20	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4C1108 - * DEFAULT PREP *** **										
Matrix Spike (P4C1108-MS1)	**Source: 4B29001-01**			Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	163	2.00	mg/L	100	68.0	95.0	80-120			
Matrix Spike (P4C1108-MS2)	**Source: 4C07008-03**			Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	108	2.00	mg/L	100	ND	108	80-120			
Matrix Spike Dup (P4C1108-MSD1)	**Source: 4B29001-01**			Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	161	2.00	mg/L	100	68.0	93.0	80-120	1.23	20	
Matrix Spike Dup (P4C1108-MSD2)	**Source: 4C07008-03**			Prepared: 03/11/24 Analyzed: 03/14/24						
Chemical Oxygen Demand	102	2.00	mg/L	100	ND	102	80-120	5.71	20	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte results may be biased high.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/27/2024

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 520-7720
Fax No:
Sampler Signature:

Project Name: 97-17
Project #: SRS: TNM 97-17
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokafor@trccompanies, lmedina@trccompanies.com

(lab use only)
ORDER #: 4B29001

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-25			2-28-24	1045	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
2	MW-11				1130	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
3	RW-3				1205	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
4	MW-5				1240	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
5	MW-7				1308	1	9	X	1	7	2					GW		X	X	X	X	X	X		X
6	MW-19				1403	1	9	X	1	7	2					GW		X	X	X	X	X	X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
	2/29/24				
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				2/29/24	8:24

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.7 °C
Adjusted: °C Factor 1.3

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 500 POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: Mn DISS ICP-MS 6020A	Fe DISS ICP-MS 6020A	RSKSOP 175 PPM	TOC-415.1									24 HOUR RUSH	STANDARD
	4B29001-01			2/28/2024	10:45	Y	5	X	X	X	X					W	X	X	X	X										X
	4B29001-02			2/28/2024	11:30	Y	5	X	X	X	X					W	X	X	X	X										X
	4B29001-03			2/28/2024	12:05	Y	5	X	X	X	X					W	X	X	X	X										X
	4B29001-04			2/28/2024	12:40	Y	5	X	X	X	X					W	X	X	X	X										X
	4B29001-05			2/28/2024	13:08	Y	5	X	X	X	X					W	X	X	X	X										X
	4B29001-06			2/28/2024	14:03	Y	5	X	X	X	X					W	X	X	X	X										X

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron					
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

Page 399 of 430

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

March 11, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24030030**

Laboratory Results for: **4B29001**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Mar 01, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: JUMOKE.LAWAL
Anna Kinchen
Project Manager

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Work Order: HS24030030

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24030030-01	4B29001-01	Water		28-Feb-2024 10:45	01-Mar-2024 09:25	☐
HS24030030-02	4B29001-02	Water		28-Feb-2024 11:30	01-Mar-2024 09:25	☐
HS24030030-03	4B29001-03	Water		28-Feb-2024 12:05	01-Mar-2024 09:25	☐
HS24030030-04	4B29001-04	Water		28-Feb-2024 12:40	01-Mar-2024 09:25	☐
HS24030030-05	4B29001-05	Water		28-Feb-2024 13:08	01-Mar-2024 09:25	☐
HS24030030-06	4B29001-06	Water		28-Feb-2024 14:03	01-Mar-2024 09:25	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4B29001
Work Order: HS24030030

Metals by Method SW6020A

Batch ID: 208382

Sample ID: 4B29001-01 (HS24030030-01)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4B29001-02 (HS24030030-02)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4B29001-03 (HS24030030-03)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4B29001-04 (HS24030030-04)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4B29001-05 (HS24030030-05)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4B29001-06 (HS24030030-06)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

WetChemistry by Method E415.1

Batch ID: R460920

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-01
Collection Date: 28-Feb-2024 10:45

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	**1.29**		**1.00**	**ug/L**	1	04-Mar-2024 13:25
Ethene	ND		1.00	ug/L	1	04-Mar-2024 13:25
Methane	**66.1**		**1.00**	**ug/L**	2	04-Mar-2024 15:02
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	05-Mar-2024 23:49
Manganese	**0.0539**		**0.0250**	**mg/L**	5	05-Mar-2024 23:49
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**22.2**		**10.0**	**mg/L**	10	08-Mar-2024 15:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-02
Collection Date: 28-Feb-2024 11:30

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: E.H.
Ethane	ND		1.00	ug/L	1	04-Mar-2024 13:40
Ethene	ND		1.00	ug/L	1	04-Mar-2024 13:40
Methane	**0.964**		**0.500**	**ug/L**	1	04-Mar-2024 13:40
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	05-Mar-2024 23:34
Manganese	ND		0.0250	mg/L	5	05-Mar-2024 23:34
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	ND		10.0	mg/L	10	08-Mar-2024 16:06

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-03
Collection Date: 28-Feb-2024 12:05

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	04-Mar-2024 13:48
Ethene	ND		1.00	ug/L	1	04-Mar-2024 13:48
Methane	**87.0**		**2.50**	**ug/L**	5	04-Mar-2024 15:15
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	05-Mar-2024 23:51
Manganese	ND		0.0250	mg/L	5	05-Mar-2024 23:51
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**16.0**		**10.0**	**mg/L**	10	08-Mar-2024 16:21

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-04
Collection Date: 28-Feb-2024 12:40

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: E.H.
Ethane	ND		1.00	ug/L	1	04-Mar-2024 13:59
Ethene	ND		1.00	ug/L	1	04-Mar-2024 13:59
Methane	**266**		**5.00**	**ug/L**	10	04-Mar-2024 15:28
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	05-Mar-2024 23:53
Manganese	ND		0.0250	mg/L	5	05-Mar-2024 23:53
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**19.3**		**10.0**	**mg/L**	10	08-Mar-2024 16:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-05
Collection Date: 28-Feb-2024 13:08

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: E.H.
Ethane	ND		1.00	ug/L	1	04-Mar-2024 14:33
Ethene	ND		1.00	ug/L	1	04-Mar-2024 14:33
Methane	**502**		**25.0**	**ug/L**	50	04-Mar-2024 15:41
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	05-Mar-2024 23:55
Manganese	ND		0.0250	mg/L	5	05-Mar-2024 23:55
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: JAC
Organic Carbon, Total	**20.3**		**10.0**	**mg/L**	10	08-Mar-2024 16:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
Sample ID: 4B29001-06
Collection Date: 28-Feb-2024 14:03

ANALYTICAL REPORT
WorkOrder:HS24030030
Lab ID:HS24030030-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: E.H.
Ethane	ND		1.00	ug/L	1	04-Mar-2024 14:50
Ethene	ND		1.00	ug/L	1	04-Mar-2024 14:50
Methane	**1,590**		**50.0**	**ug/L**	100	04-Mar-2024 15:50
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 05-Mar-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	06-Mar-2024 16:53
Manganese	**0.0127**		**0.0100**	**mg/L**	2	06-Mar-2024 16:53
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**162**		**10.0**	**mg/L**	10	08-Mar-2024 17:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 11-Mar-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

Batch ID: 208382 **Start Date:** 05 Mar 2024 11:00 **End Date:** 05 Mar 2024 11:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24030030-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24030030-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24030030-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24030030-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24030030-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24030030-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

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ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 208382 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24030030-01	4B29001-01	28 Feb 2024 10:45		05 Mar 2024 11:00	05 Mar 2024 23:49	5
HS24030030-02	4B29001-02	28 Feb 2024 11:30		05 Mar 2024 11:00	05 Mar 2024 23:34	5
HS24030030-03	4B29001-03	28 Feb 2024 12:05		05 Mar 2024 11:00	05 Mar 2024 23:51	5
HS24030030-04	4B29001-04	28 Feb 2024 12:40		05 Mar 2024 11:00	05 Mar 2024 23:53	5
HS24030030-05	4B29001-05	28 Feb 2024 13:08		05 Mar 2024 11:00	05 Mar 2024 23:55	5
HS24030030-06	4B29001-06	28 Feb 2024 14:03		05 Mar 2024 11:00	06 Mar 2024 16:53	2
Batch ID: R460468 (1)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24030030-01	4B29001-01	28 Feb 2024 10:45			04 Mar 2024 15:02	2
HS24030030-01	4B29001-01	28 Feb 2024 10:45			04 Mar 2024 13:25	1
HS24030030-02	4B29001-02	28 Feb 2024 11:30			04 Mar 2024 13:40	1
HS24030030-03	4B29001-03	28 Feb 2024 12:05			04 Mar 2024 15:15	5
HS24030030-03	4B29001-03	28 Feb 2024 12:05			04 Mar 2024 13:48	1
HS24030030-04	4B29001-04	28 Feb 2024 12:40			04 Mar 2024 15:28	10
HS24030030-04	4B29001-04	28 Feb 2024 12:40			04 Mar 2024 13:59	1
HS24030030-05	4B29001-05	28 Feb 2024 13:08			04 Mar 2024 15:41	50
HS24030030-05	4B29001-05	28 Feb 2024 13:08			04 Mar 2024 14:33	1
HS24030030-06	4B29001-06	28 Feb 2024 14:03			04 Mar 2024 15:50	100
HS24030030-06	4B29001-06	28 Feb 2024 14:03			04 Mar 2024 14:50	1
Batch ID: R460920 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24030030-01	4B29001-01	28 Feb 2024 10:45			08 Mar 2024 15:52	10
HS24030030-02	4B29001-02	28 Feb 2024 11:30			08 Mar 2024 16:06	10
HS24030030-03	4B29001-03	28 Feb 2024 12:05			08 Mar 2024 16:21	10
HS24030030-04	4B29001-04	28 Feb 2024 12:40			08 Mar 2024 16:35	10
HS24030030-05	4B29001-05	28 Feb 2024 13:08			08 Mar 2024 16:50	10
HS24030030-06	4B29001-06	28 Feb 2024 14:03			08 Mar 2024 17:05	10

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

QC BATCH REPORT

Batch ID: R460468 (1) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240304** Units: **ug/L** Analysis Date: **04-Mar-2024 08:12**
Client ID: Run ID: **FID-4_460468** SeqNo: **7868382** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-240304** Units: **ug/L** Analysis Date: **04-Mar-2024 08:21**
Client ID: Run ID: **FID-4_460468** SeqNo: **7868383** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.89	1.00	18.04	0	93.6	75 - 125				
Ethene	15.6	1.00	16.8	0	92.8	75 - 125				
Methane	8.442	0.500	9.647	0	87.5	75 - 125				

LCSD Sample ID: **LCSD-240304** Units: **ug/L** Analysis Date: **04-Mar-2024 08:30**
Client ID: Run ID: **FID-4_460468** SeqNo: **7868384** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.27	1.00	18.04	0	84.6	75 - 125	16.89	10.1	30	
Ethene	14.87	1.00	16.8	0	88.5	75 - 125	15.6	4.78	30	
Methane	7.867	0.500	9.647	0	81.5	75 - 125	8.442	7.05	30	

The following samples were analyzed in this batch: HS24030030-01 HS24030030-02 HS24030030-03 HS24030030-04 HS24030030-05 HS24030030-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

QC BATCH REPORT

Batch ID: 208382 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

MBLK Sample ID: **MBLK-208382** Units: **mg/L** Analysis Date: **05-Mar-2024 23:05**
Client ID: Run ID: **ICPMS06_460481** SeqNo: **7869942** PrepDate: **05-Mar-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-208382** Units: **mg/L** Analysis Date: **05-Mar-2024 23:07**
Client ID: Run ID: **ICPMS06_460481** SeqNo: **7869943** PrepDate: **05-Mar-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.038	0.200	5	0	101	80 - 120				
Manganese	0.0488	0.00500	0.05	0	97.6	80 - 120				

MS Sample ID: **HS24030030-02MS** Units: **mg/L** Analysis Date: **05-Mar-2024 23:38**
Client ID: **4B29001-02** Run ID: **ICPMS06_460481** SeqNo: **7869950** PrepDate: **05-Mar-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.342	1.00	5	0.02044	106	75 - 125				
Manganese	0.06905	0.0250	0.05	0.02034	97.4	75 - 125				

MSD Sample ID: **HS24030030-02MSD** Units: **mg/L** Analysis Date: **05-Mar-2024 23:40**
Client ID: **4B29001-02** Run ID: **ICPMS06_460481** SeqNo: **7869951** PrepDate: **05-Mar-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.002	1.00	5	0.02044	99.6	75 - 125	5.342	6.58	20	
Manganese	0.06563	0.0250	0.05	0.02034	90.6	75 - 125	0.06905	5.08	20	

PDS Sample ID: **HS24030030-02PDS** Units: **mg/L** Analysis Date: **05-Mar-2024 23:42**
Client ID: **4B29001-02** Run ID: **ICPMS06_460481** SeqNo: **7869952** PrepDate: **05-Mar-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	101.3	1.00	100	0	101	75 - 125				
Manganese	0.9923	0.0250	1	0.02034	97.2	75 - 125				

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

QC BATCH REPORT

Batch ID: 208382 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24030030-02SD** Units: **mg/L** Analysis Date: **05-Mar-2024 23:36**
Client ID: **4B29001-02** Run ID: **ICPMS06_460481** SeqNo: **7869949** PrepDate: **05-Mar-2024** DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	5.00					0.02044	0	10	
Manganese	0.02144	0.125					0.02034	0	10	J

The following samples were analyzed in this batch: HS24030030-01 HS24030030-02 HS24030030-03 HS24030030-04 HS24030030-05 HS24030030-06

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

QC BATCH REPORT

Batch ID: R460920 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-03082024** Units: **mg/L** Analysis Date: **08-Mar-2024 14:41**
Client ID: Run ID: **TOC_05_460920** SeqNo: **7878402** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-03082024** Units: **mg/L** Analysis Date: **08-Mar-2024 14:56**
Client ID: Run ID: **TOC_05_460920** SeqNo: **7878403** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.35	1.00	10	0	104	85 - 115				

LCSD Sample ID: **LCSD-03082024** Units: **mg/L** Analysis Date: **08-Mar-2024 15:11**
Client ID: Run ID: **TOC_05_460920** SeqNo: **7878404** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.37	1.00	10	0	104	85 - 115	10.35	0.193	20	

MS Sample ID: **HS24030112-01MS** Units: **mg/L** Analysis Date: **08-Mar-2024 18:46**
Client ID: Run ID: **TOC_05_460920** SeqNo: **7878415** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	13.68	1.00	10	3.643	100	80 - 120				

The following samples were analyzed in this batch: HS24030030-01 HS24030030-02 HS24030030-03 HS24030030-04 HS24030030-05 HS24030030-06

ALS Houston, US Date: 11-Mar-24

Client: Permian Basin Environmental Lab, LP
Project: 4B29001
WorkOrder: HS24030030

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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ALS Houston, US Date: 11-Mar-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arkansas	88-00356	27-Mar-2024
California	2919; 2024	30-Apr-2024
Dept of Defense	L22-90-R2	31-Mar-2024
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Louisiana	03087 2023-2024	30-Jun-2024
Maryland	343; 2023-2024	30-Jun-2024
North Carolina	624 - 2024	31-Dec-2024
North Dakota	R-193 2023-2024	30-Apr-2024
Oklahoma	2023-140	31-Aug-2024
Texas	T104704231-23-32	30-Apr-2024
Utah	TX026932023-14	31-Jul-2024

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ALS Houston, US Date: 11-Mar-24

Sample Receipt Checklist

Work Order ID: HS24030030 **Date/Time Received:** 01-Mar-2024 09:25

Client Name: Permian Basin Lab **Received by:** Belinda Gomez

Completed By:	/S/ Jesiel Pena	01-Mar-2024 14:11	**Reviewed by:**	/S/ Anna Kinchen	04-Mar-2024 08:27
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.2uc/3.1c	IR31	
Cooler(s)/Kit(s):	RED		
Date/Time sample(s) sent to storage:	14:15		
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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HS24030030

Permian Basin Environmental Lab, LP

4B29001

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lal
1400 Rankin HWY
Midland, Texas 79701

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No:

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 500 POLY	NONE 3 AMBER VOAA VIALS	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: Mn DISS ICP-MS 6020A	Fe DISS ICP-MS 6020A	RSKSOP 175 PPM	TOC-415.1	24 HOUR RUSH	STANDARD
	4B29001-01			2/28/2024	10:45	Y	5	X	X	X	X					W	X	X	X	X		X
	4B29001-02			2/28/2024	11:30	Y	5	X	X	X	X					W	X	X	X	X		X
	4B29001-03			2/28/2024	12:05	Y	5	X	X	X	X					W	X	X	X	X		X
	4B29001-04			2/28/2024	12:40	Y	5	X	X	X	X					W	X	X	X	X		X
	4B29001-05			2/28/2024	13:08	Y	5	X	X	X	X					W	X	X	X	X		X
	4B29001-06			2/28/2024	14:03	Y	5	X	X	X	X					W	X	X	X	X		X

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	2/29/24	17:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 3/1/24	Time 0725

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

RES

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ORIGIN ID:MAFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 29FEB24
ACTWGT: 35.00 LB
CAD: 107136846/INET4535
DIMS: 15x17x9 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099
(281) 530-5615

REF:
INV:
PO:
DEPT:

583J6/194B/9AE3

J2410240110Ouv

FedEx Express

TRK# 0201 **7753 6865 1926**

FRI - 01 MAR 5:00P
STANDARD OVERNIGHT

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico

Lab Order Number: 4F21002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 06/27/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	4F21002-01	Water	06/17/24 16:27	06-21-2024 07:53
RW-1	4F21002-02	Water	06/18/24 18:38	06-21-2024 07:53
MW-15	4F21002-03	Water	06/19/24 10:42	06-21-2024 07:53
RW-6	4F21002-04	Water	06/18/24 16:59	06-21-2024 07:53
MW-14	4F21002-05	Water	06/18/24 19:05	06-21-2024 07:53
RW-4	4F21002-06	Water	06/19/24 09:48	06-21-2024 07:53
RW-5	4F21002-07	Water	06/19/24 11:15	06-21-2024 07:53
MW-4	4F21002-08	Water	06/19/24 10:17	06-21-2024 07:53
MW-23	4F21002-09	Water	06/17/24 16:05	06-21-2024 07:53
MW-27	4F21002-10	Water	06/17/24 15:37	06-21-2024 07:53

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4F21002-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:02	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:02	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:02	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:02	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.6 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:02*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:02*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4F21002-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00487**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:24	EPA 8021B	
Toluene	**0.00255**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:24	EPA 8021B	
Ethylbenzene	**0.00433**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:24	EPA 8021B	
Xylene (p/m)	**0.00290**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:24	EPA 8021B	
Xylene (o)	**0.00467**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:24*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:24*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-15

4F21002-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0105**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:47	EPA 8021B	
Toluene	**0.00905**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:47	EPA 8021B	
Xylene (p/m)	**0.0105**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:47	EPA 8021B	
Xylene (o)	**0.0197**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 14:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*85.4 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 14:47*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-6

4F21002-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.103**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:09	EPA 8021B	
Toluene	**0.00587**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:09	EPA 8021B	
Ethylbenzene	**0.00690**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:09	EPA 8021B	
Xylene (p/m)	**0.0130**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:09	EPA 8021B	
Xylene (o)	**0.00608**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	*88.9 %*		*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene	*103 %*		*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:09*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-14

4F21002-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.142**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:31	EPA 8021B	
Ethylbenzene	**0.0936**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:31	EPA 8021B	
Xylene (p/m)	**0.0189**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.7 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:31*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-4

4F21002-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.220**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:54	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:54	EPA 8021B	
Ethylbenzene	**0.0684**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:54	EPA 8021B	
Xylene (p/m)	**0.0378**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:54	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 15:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.9 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 15:54*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-5

4F21002-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.310**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 16:16	EPA 8021B	
Toluene	**0.00703**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 16:16	EPA 8021B	
Ethylbenzene	**0.0539**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 16:16	EPA 8021B	
Xylene (p/m)	**0.0708**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 16:16	EPA 8021B	
Xylene (o)	**0.00834**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 16:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.6 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 16:16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 16:16*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4F21002-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.05**	0.00500	mg/L	5	P4F2512	06/25/24 10:20	06/25/24 17:24	EPA 8021B	
Toluene	**0.0107**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/26/24 09:58	EPA 8021B	
Ethylbenzene	**0.0265**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/26/24 09:58	EPA 8021B	
Xylene (p/m)	**0.0850**	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/26/24 09:58	EPA 8021B	
Xylene (o)	**0.00762**	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/26/24 09:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.1 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/26/24 09:58*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/26/24 09:58*	*EPA 8021B*	

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4F21002-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 17:47	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 17:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 17:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 17:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 17:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.1 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 17:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 17:47*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-27

4F21002-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 18:09	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 18:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 18:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 18:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2512	06/25/24 10:20	06/25/24 18:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.6 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 18:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P4F2512*	*06/25/24 10:20*	*06/25/24 18:09*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2512 - * DEFAULT PREP *** **										
Blank (P4F2512-BLK1)				Prepared & Analyzed: 06/25/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.102*		*"*	*0.120*		*85.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
LCS (P4F2512-BS1)				Prepared & Analyzed: 06/25/24						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.0949	0.00100	"	0.100		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*86.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.140*		*"*	*0.120*		*117*	*80-120*			
LCS Dup (P4F2512-BSD1)				Prepared & Analyzed: 06/25/24						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120	3.70	20	
Toluene	0.101	0.00100	"	0.100		101	80-120	1.74	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	1.60	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	0.243	20	
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120	1.24	20	
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
Calibration Blank (P4F2512-CCB1)				Prepared & Analyzed: 06/25/24						
Benzene	0.0600		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.370		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*83.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*109*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2512 - * DEFAULT PREP *** **										
Calibration Blank (P4F2512-CCB2)				Prepared & Analyzed: 06/25/24						
Benzene	0.250		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.570		"							
Xylene (o)	0.200		"							
Surrogate: 4-Bromofluorobenzene	*0.0980*		*"*	*0.120*		*81.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.129*		*"*	*0.120*		*107*	*80-120*			
Calibration Check (P4F2512-CCV1)				Prepared & Analyzed: 06/25/24						
Benzene	0.113	0.00100	mg/L	0.100		113	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.0978	0.00100	"	0.100		97.8	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.101*		*"*	*0.120*		*84.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		*"*	*0.120*		*115*	*80-120*			
Calibration Check (P4F2512-CCV2)				Prepared & Analyzed: 06/25/24						
Benzene	0.108	0.00100	mg/L	0.100		108	80-120			
Toluene	0.0991	0.00100	"	0.100		99.1	80-120			
Ethylbenzene	0.0964	0.00100	"	0.100		96.4	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0929	0.00100	"	0.100		92.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0997*		*"*	*0.120*		*83.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.135*		*"*	*0.120*		*113*	*80-120*			
Calibration Check (P4F2512-CCV3)				Prepared: 06/25/24 Analyzed: 06/26/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.207	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0941	0.00100	"	0.100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0976*		*"*	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.134*		*"*	*0.120*		*112*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2512 - * DEFAULT PREP *** **										
Matrix Spike (P4F2512-MS1)	**Source: 4F21002-10**			Prepared & Analyzed: 06/25/24						
Benzene	0.121	0.00100	mg/L	0.100	ND	121	80-120			QM-05
Toluene	0.109	0.00100	"	0.100	ND	109	80-120			
Ethylbenzene	0.115	0.00100	"	0.100	ND	115	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200	ND	111	80-120			
Xylene (o)	0.0995	0.00100	"	0.100	ND	99.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0998*		*"*	*0.120*		*83.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		*"*	*0.120*		*114*	*80-120*			
Matrix Spike Dup (P4F2512-MSD1)	**Source: 4F21002-10**			Prepared & Analyzed: 06/25/24						
Benzene	0.118	0.00100	mg/L	0.100	ND	118	80-120	2.71	20	
Toluene	0.106	0.00100	"	0.100	ND	106	80-120	2.59	20	
Ethylbenzene	0.112	0.00100	"	0.100	ND	112	80-120	3.00	20	
Xylene (p/m)	0.215	0.00200	"	0.200	ND	108	80-120	3.00	20	
Xylene (o)	0.0960	0.00100	"	0.100	ND	96.0	80-120	3.53	20	
Surrogate: 4-Bromofluorobenzene	*0.0991*		*"*	*0.120*		*82.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		*"*	*0.120*		*113*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 6/27/2024

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 955-3561
Fax No:
Sampler Signature:
e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokafor@trccompanies.com

Project Name: 97-17
Project #: SRS: TNM 97-17
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 4F21002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-20			6-17	1627	1	3	X		3						GW							X		X
2	RW-1			6-18	1838	1	3	X		3						GW							X		X
3	MW-15			6-19	1042	1	3	X		3						GW							X		X
4	RW-6			6-17	1659	1	3	X		3						GW							X		X
5	MW-14			6-18	1905	1	3	X		3						GW							X		X
6	RW-4			6-19	0948	1	3	X		3						GW							X		X
7	RW-5			6-19	1115	1	3	X		3						GW							X		X
8	MW-4			6-19	1017	1	3	X		3						GW							X		X
	MW-6					1	3	X		3						GW							X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-21-24	0838			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6-22-24	7:53

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 6.0 °C
Adjusted: °C Factor NCF 13

Received by OCD: 11/6/2025 3:21:04 PM
Released to Imaging: 11/10/2025 10:38:58 AM

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701
Phone: 432-686-7235

Page 19 of 19

Project Manager: Jonathan Repman
Company Name: TRC Environmental Corporation
Company Address: 10 Desta Drive, Ste 130E
City/State/Zip: Midland TX 79705
Telephone No: (432) 955-3561 Fax No:
Sampler Signature:
e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokator@trccompanies.com

Project Name: 97-17
Project #: SRS: TNM 97-17
Project Loc: Lea County, NM
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 4F21002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP:	TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	MW-8			—	—	1	3	X		3						GW							X		X
9	MW-23			6-17	1605	1	3	X		3						GW							X		X
10	MW-27			6-17	1537	1	3	X		3						GW							X		X

Special Instructions:
BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-21-24	0838			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/21/24	8:38

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: °C
Adjusted: 6.0 °C Factor NCF 13

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17_MNA
Project Number: TNM 97-17
Location: Lea County, NM

Lab Order Number: 4F19012

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 07/05/24

TRC Solutions- Midland, Texas	Project:	97-17_MNA
10 Desta Dr STE 150E	Project Number:	TNM 97-17
Midland TX, 79705	Project Manager:	Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-25	4F19012-01	Water	06/18/24 11:30	06-19-2024 08:46
MW-11	4F19012-02	Water	06/18/24 12:47	06-19-2024 08:46
RW-3	4F19012-03	Water	06/18/24 14:58	06-19-2024 08:46
MW-5	4F19012-04	Water	06/18/24 15:52	06-19-2024 08:46
MW-7	4F19012-05	Water	06/18/24 17:10	06-19-2024 08:46
MW-19	4F19012-06	Water	06/18/24 18:03	06-19-2024 08:46

Dissolved Iron and Manganese, TOC, and RSK-175 analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here: https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

Upon validation of the data it was noticed that the order of MW-7 and MW-19 are flipped on the report. The COC lists them MW-19 and then MW-7. In order to maintain the validity of the data the decision was made to keep the samples in the order as present on the report. Nonconformance SYS070524SG01 has been initiated to discover the root cause of this error.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4F19012-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 13:39	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 13:39	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 13:39	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 13:39	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 13:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 13:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 13:39*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:01	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:01	8015M	SUB-13
Methane	**0.0693**	0.00250	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 15:18	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**102**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 12:56	EPA 300.0	
Sulfate	**1790**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 13:26	EPA 300.0	
Total Organic Carbon	**88.1**	20.0	mg/L	1	P4G0503	06/28/24 01:08	06/28/24 01:08	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 18:58	EPA 6020A	SUB-13
Manganese	**0.0439**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 18:58	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-11

4F19012-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:01	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 14:01*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.9 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 14:01*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:19	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:19	8015M	SUB-13
Methane	**0.00131**	0.000500	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:19	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**71.0**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 13:14	EPA 300.0	
Sulfate	**2040**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 13:44	EPA 300.0	
Total Organic Carbon	**32.8**	20.0	mg/L	1	P4G0503	06/28/24 01:17	06/28/24 01:17	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:00	EPA 6020A	SUB-13
Manganese	**0.0189**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:00	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-3

4F19012-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**0.202**	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:23	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:23	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:23	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:23	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 14:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 14:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.2 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 14:23*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:27	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 13:27	8015M	SUB-13
Methane	**0.978**	0.0250	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 15:26	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**457**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 13:32	EPA 300.0	
Sulfate	**1850**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 14:02	EPA 300.0	
Total Organic Carbon	**300**	20.0	mg/L	1	P4G0503	06/28/24 01:29	06/28/24 01:29	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:03	EPA 6020A	SUB-13
Manganese	**0.0134**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:03	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-5

4F19012-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00423**	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:31	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:31	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:31	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:31	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 15:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 15:31*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 14:24	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 14:24	8015M	SUB-13
Methane	**0.408**	0.0100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 15:35	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**254**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 13:50	EPA 300.0	
Sulfate	**2190**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 14:19	EPA 300.0	
Total Organic Carbon	**77.2**	20.0	mg/L	1	P4G0503	06/28/24 01:38	06/28/24 01:38	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:13	EPA 6020A	SUB-13
Manganese	**0.00651**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:13	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4F19012-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.176**	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:53	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:53	EPA 8021B	
Ethylbenzene	**0.00429**	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:53	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:53	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 15:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 15:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.2 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 15:53*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 14:33	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 14:33	8015M	SUB-13
Methane	**3.36**	0.0500	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 16:27	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**606**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 14:07	EPA 300.0	
Sulfate	**956**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 14:37	EPA 300.0	
Total Organic Carbon	**680**	20.0	mg/L	1	P4G0503	06/28/24 01:50	06/28/24 01:50	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:15	EPA 6020A	SUB-13
Manganese	**0.0139**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:15	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-19

4F19012-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.848**	0.00500	mg/L	5	P4F2015	06/20/24 13:58	06/24/24 10:07	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 16:16	EPA 8021B	
Ethylbenzene	**0.0110**	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 16:16	EPA 8021B	
Xylene (p/m)	**0.00488**	0.00200	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 16:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4F2015	06/20/24 13:58	06/21/24 16:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 16:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4F2015*	*06/20/24 13:58*	*06/21/24 16:16*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 17:10	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 17:10	8015M	SUB-13
Methane	**1.72**	0.0250	mg/L	1	P4G0503	06/24/24 00:00	06/24/24 09:43	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**479**	2.00	mg/L	1	P4F1908	06/19/24 10:27	06/19/24 12:38	8000	
Nitrate as N	ND	0.200	mg/L	1	P4F2011	06/20/24 10:31	06/21/24 14:25	EPA 300.0	
Sulfate	**1150**	100	mg/L	100	P4G0304	07/03/24 10:33	07/03/24 14:55	EPA 300.0	
Total Organic Carbon	**241**	20.0	mg/L	1	P4G0503	06/28/24 02:00	06/28/24 02:00	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:20	EPA 6020A	SUB-13
Manganese	**0.00826**	0.00500	mg/L	1	P4G0503	06/21/24 07:00	06/24/24 19:20	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2015 - * DEFAULT PREP *** **										
Blank (P4F2015-BLK1)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.0*	*80-120*			
LCS (P4F2015-BS1)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.110	0.00100	mg/L	0.100		110	80-120			
Toluene	0.0984	0.00100	"	0.100		98.4	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0895	0.00100	"	0.100		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS Dup (P4F2015-BSD1)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120	8.24	20	
Toluene	0.0882	0.00100	"	0.100		88.2	80-120	11.0	20	
Ethylbenzene	0.0911	0.00100	"	0.100		91.1	80-120	10.9	20	
Xylene (p/m)	0.181	0.00200	"	0.200		90.5	80-120	10.9	20	
Xylene (o)	0.0800	0.00100	"	0.100		80.0	80-120	11.2	20	
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*97.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Calibration Blank (P4F2015-CCB1)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.150		ug/l							
Toluene	0.330		"							
Ethylbenzene	0.190		"							
Xylene (p/m)	0.220		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*93.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.6*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2015 - * DEFAULT PREP *** **										
Calibration Blank (P4F2015-CCB2)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.00		ug/l							
Toluene	0.270		"							
Ethylbenzene	0.130		"							
Xylene (p/m)	0.130		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.106*		"	*0.120*		*88.2*	*80-120*			
Calibration Check (P4F2015-CCV1)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.119	0.00100	mg/L	0.100		119	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		110	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*93.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*80-120*			
Calibration Check (P4F2015-CCV2)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.114	0.00100	mg/L	0.100		114	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.0988	0.00100	"	0.100		98.8	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0951	0.00100	"	0.100		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*97.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Calibration Check (P4F2015-CCV3)				Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.117	0.00100	mg/L	0.100		117	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.217	0.00200	"	0.200		109	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.116*		"	*0.120*		*96.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2015 - * DEFAULT PREP *** **										
Matrix Spike (P4F2015-MS1)	**Source: 4F17030-01**			Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.232	0.00100	mg/L	0.100	0.321	NR	80-120			QM-05
Toluene	0.115	0.00100	"	0.100	0.000550	114	80-120			
Ethylbenzene	0.355	0.00100	"	0.100	0.0307	324	80-120			QM-05
Xylene (p/m)	0.245	0.00200	"	0.200	0.0132	116	80-120			
Xylene (o)	0.109	0.00100	"	0.100	ND	109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*96.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.5*	*80-120*			
Matrix Spike Dup (P4F2015-MSD1)	**Source: 4F17030-01**			Prepared: 06/20/24 Analyzed: 06/21/24						
Benzene	0.365	0.00100	mg/L	0.100	0.321	44.1	80-120	NR	20	QM-05
Toluene	0.108	0.00100	"	0.100	0.000550	107	80-120	6.45	20	
Ethylbenzene	0.159	0.00100	"	0.100	0.0307	129	80-120	86.2	20	QM-05
Xylene (p/m)	0.234	0.00200	"	0.200	0.0132	110	80-120	4.91	20	
Xylene (o)	0.0966	0.00100	"	0.100	ND	96.6	80-120	11.7	20	
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.120*		*101*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F1908 - * DEFAULT PREP *** **										
Blank (P4F1908-BLK1)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4F1908-BS1)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	1060	2.00	mg/L	1000		106	80-120			
LCS Dup (P4F1908-BSD1)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	1100	2.00	mg/L	1000		110	80-120	3.60	20	
Calibration Blank (P4F1908-CCB1)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	0.00		mg/L							
Calibration Check (P4F1908-CCV1)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	917	2.00	mg/L	1000		91.7	80-120			
Calibration Check (P4F1908-CCV2)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	917	2.00	mg/L	1000		91.7	80-120			
Calibration Check (P4F1908-CCV3)				Prepared & Analyzed: 06/19/24						
Chemical Oxygen Demand	917	2.00	mg/L	1000		91.7	80-120			
Batch P4F2011 - * DEFAULT PREP *** **										
LCS (P4F2011-BS1)				Prepared: 06/20/24 Analyzed: 07/01/24						
Nitrate as N	21.5		mg/L	20.0		107	90-110			
LCS Dup (P4F2011-BSD1)				Prepared: 06/20/24 Analyzed: 07/01/24						
Nitrate as N	21.5		mg/L	20.0		107	90-110	0.0512	10	

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4F2011 - * DEFAULT PREP *** **										
Calibration Check (P4F2011-CCV1)				Prepared: 06/20/24 Analyzed: 07/01/24						
Nitrate as N	21.5		mg/L	20.0		107	90-110			
Calibration Check (P4F2011-CCV2)				Prepared: 06/20/24 Analyzed: 07/01/24						
Nitrate as N	21.5		mg/L	20.0		107	90-110			
Matrix Spike (P4F2011-MS1)		**Source: 4F17032-01**		Prepared: 06/20/24 Analyzed: 06/21/24						
Nitrate as N	23.1		mg/L	20.0	0.513	113	80-120			
Matrix Spike Dup (P4F2011-MSD1)		**Source: 4F17032-01**		Prepared: 06/20/24 Analyzed: 06/21/24						
Nitrate as N	23.2		mg/L	20.0	0.513	113	80-120	0.458	20	
Batch P4G0304 - * DEFAULT PREP *** **										
Blank (P4G0304-BLK1)				Prepared & Analyzed: 07/03/24						
Sulfate	ND	1.00	mg/L							
LCS (P4G0304-BS1)				Prepared & Analyzed: 07/03/24						
Sulfate	21.3		mg/L	20.0		106	90-110			
LCS Dup (P4G0304-BSD1)				Prepared & Analyzed: 07/03/24						
Sulfate	21.1		mg/L	20.0		105	90-110	1.12	10	
Calibration Check (P4G0304-CCV1)				Prepared & Analyzed: 07/03/24						
Sulfate	20.4		mg/L	20.0		102	90-110			
Calibration Check (P4G0304-CCV2)				Prepared & Analyzed: 07/03/24						
Sulfate	21.2		mg/L	20.0		106	90-110			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4G0304 - * DEFAULT PREP *** **										
Matrix Spike (P4G0304-MS1)	**Source: 4F17032-01**			Prepared & Analyzed: 07/03/24						
Sulfate	112		mg/L	100	5.36	107	80-120			
Matrix Spike (P4G0304-MS2)	**Source: 4F21001-01**			Prepared & Analyzed: 07/03/24						
Sulfate	95.9		mg/L	50.0	42.8	106	80-120			
Matrix Spike Dup (P4G0304-MSD1)	**Source: 4F17032-01**			Prepared & Analyzed: 07/03/24						
Sulfate	112		mg/L	100	5.36	106	80-120	0.0590	20	
Matrix Spike Dup (P4G0304-MSD2)	**Source: 4F21001-01**			Prepared & Analyzed: 07/03/24						
Sulfate	96.2		mg/L	50.0	42.8	107	80-120	0.346	20	

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 7/5/2024

Brent Barron, Laboratory Director/Technical Director

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Manager: Jonathan Repman

Company Name: TRC Environmental Corporation

Company Address: 10 Desta Drive, Ste 130E

City/State/Zip: Midland TX 79705

Telephone No: (432) 955-3561 Fax No:

Sampler Signature:

e-mail: jrepman@trccompanies.com, cjbryant@paalp.com, khudgens@paalp.com, bokafor@trccompanies.com

Project Name: 97-17

Project #: SRS: TNM 97-17

Project Loc: Lea County, NM

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)

ORDER #: 4F19012

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate bvy E300	COD by SM 5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW-25			6-18-24	1130	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
2	MW-11				1247	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
3	RW-3				1458	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
4	MW-5				1552	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
5	MW-19				1710	1	9	X	1	7	2					GW	X	X	X	X	X	X		X
6	MW-7				1803	1	9	X	1	7	2					GW	X	X	X	X	X	X		X

Special Instructions:

BILL TO PLAINS

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	6-19-24	0835			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/19/24	08:46

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Received: 4.2 °C

Adjusted: °C Factor 1.3 NCF

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	Mn DISS ICP 6010B	Fe DISS ICP 6010B	TOC-415.1	24 HOUR RUSH	STANDARD
	4F19012-01			6/18/2024	11:30	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-02			6/18/2024	12:47	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-03			6/18/2024	14:58	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-04			6/18/2024	15:52	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-05			6/18/2024	17:10	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-06			6/18/2024	18:03	Y	5	X	X	X	X					W	X	X	X	X		X

3

BRENT BARRON	6/19/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

June 28, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24061278**

Laboratory Results for: **4F19012**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Jun 20, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Work Order: HS24061278

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24061278-01	4F19012-01	Water		18-Jun-2024 11:30	20-Jun-2024 09:25	☐
HS24061278-02	4F19012-02	Water		18-Jun-2024 12:47	20-Jun-2024 09:25	☐
HS24061278-03	4F19012-03	Water		18-Jun-2024 14:58	20-Jun-2024 09:25	☐
HS24061278-04	4F19012-04	Water		18-Jun-2024 15:52	20-Jun-2024 09:25	☐
HS24061278-05	4F19012-05	Water		18-Jun-2024 17:10	20-Jun-2024 09:25	☐
HS24061278-06	4F19012-06	Water		18-Jun-2024 18:03	20-Jun-2024 09:25	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4F19012
Work Order: HS24061278

GC Semivolatiles by Method RSK-175

Batch ID: R470214,R470295,R470371

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A

Batch ID: 213923

Sample ID: HS24060729-03MS

- MS and MSD are for an unrelated sample

WetChemistry by Method E415.1

Batch ID: R470747

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-01
Collection Date: 18-Jun-2024 11:30

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 13:01
Ethene	ND		1.00	ug/L	1	24-Jun-2024 13:01
Methane	**69.3**		**2.50**	**ug/L**	5	24-Jun-2024 15:18
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 18:58
Manganese	**0.0439**		**0.00500**	**mg/L**	1	24-Jun-2024 18:58
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**88.1**		**20.0**	**mg/L**	20	28-Jun-2024 01:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-02
Collection Date: 18-Jun-2024 12:47

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 13:19
Ethene	ND		1.00	ug/L	1	24-Jun-2024 13:19
Methane	**1.31**		**0.500**	**ug/L**	1	24-Jun-2024 13:19
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 19:00
Manganese	**0.0189**		**0.00500**	**mg/L**	1	24-Jun-2024 19:00
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**32.8**		**20.0**	**mg/L**	20	28-Jun-2024 01:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-03
Collection Date: 18-Jun-2024 14:58

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 13:27
Ethene	ND		1.00	ug/L	1	24-Jun-2024 13:27
Methane	**978**		**25.0**	**ug/L**	50	24-Jun-2024 15:26
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 19:03
Manganese	**0.0134**		**0.00500**	**mg/L**	1	24-Jun-2024 19:03
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**300**		**20.0**	**mg/L**	20	28-Jun-2024 01:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-04
Collection Date: 18-Jun-2024 15:52

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 14:24
Ethene	ND		1.00	ug/L	1	24-Jun-2024 14:24
Methane	**408**		**10.0**	**ug/L**	20	24-Jun-2024 15:35
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 19:13
Manganese	**0.00651**		**0.00500**	**mg/L**	1	24-Jun-2024 19:13
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**77.2**		**20.0**	**mg/L**	20	28-Jun-2024 01:38

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-05
Collection Date: 18-Jun-2024 17:10

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 14:33
Ethene	ND		1.00	ug/L	1	24-Jun-2024 14:33
Methane	**3,360**		**50.0**	**ug/L**	100	24-Jun-2024 16:27
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 19:15
Manganese	**0.0139**		**0.00500**	**mg/L**	1	24-Jun-2024 19:15
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**680**		**20.0**	**mg/L**	20	28-Jun-2024 01:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
Sample ID: 4F19012-06
Collection Date: 18-Jun-2024 18:03

ANALYTICAL REPORT
WorkOrder:HS24061278
Lab ID:HS24061278-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	24-Jun-2024 17:10
Ethene	ND		1.00	ug/L	1	24-Jun-2024 17:10
Methane	**1,720**		**25.0**	**ug/L**	50	25-Jun-2024 09:43
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 21-Jun-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	24-Jun-2024 19:20
Manganese	**0.00826**		**0.00500**	**mg/L**	1	24-Jun-2024 19:20
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: MZD
Organic Carbon, Total	**241**		**20.0**	**mg/L**	20	28-Jun-2024 02:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 28-Jun-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

Batch ID: 213923 **Start Date:** 21 Jun 2024 07:00 **End Date:** 21 Jun 2024 07:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24061278-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24061278-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24061278-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24061278-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24061278-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24061278-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 213923 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24061278-01	4F19012-01	18 Jun 2024 11:30		21 Jun 2024 07:00	24 Jun 2024 18:58	1
HS24061278-02	4F19012-02	18 Jun 2024 12:47		21 Jun 2024 07:00	24 Jun 2024 19:00	1
HS24061278-03	4F19012-03	18 Jun 2024 14:58		21 Jun 2024 07:00	24 Jun 2024 19:03	1
HS24061278-04	4F19012-04	18 Jun 2024 15:52		21 Jun 2024 07:00	24 Jun 2024 19:13	1
HS24061278-05	4F19012-05	18 Jun 2024 17:10		21 Jun 2024 07:00	24 Jun 2024 19:15	1
HS24061278-06	4F19012-06	18 Jun 2024 18:03		21 Jun 2024 07:00	24 Jun 2024 19:20	1
Batch ID: R470214 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24061278-01	4F19012-01	18 Jun 2024 11:30			24 Jun 2024 15:18	5
HS24061278-01	4F19012-01	18 Jun 2024 11:30			24 Jun 2024 13:01	1
HS24061278-02	4F19012-02	18 Jun 2024 12:47			24 Jun 2024 13:19	1
HS24061278-03	4F19012-03	18 Jun 2024 14:58			24 Jun 2024 15:26	50
HS24061278-03	4F19012-03	18 Jun 2024 14:58			24 Jun 2024 13:27	1
HS24061278-04	4F19012-04	18 Jun 2024 15:52			24 Jun 2024 15:35	20
HS24061278-04	4F19012-04	18 Jun 2024 15:52			24 Jun 2024 14:24	1
HS24061278-05	4F19012-05	18 Jun 2024 17:10			24 Jun 2024 14:33	1
Batch ID: R470295 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24061278-05	4F19012-05	18 Jun 2024 17:10			24 Jun 2024 16:27	100
HS24061278-06	4F19012-06	18 Jun 2024 18:03			24 Jun 2024 17:10	1
Batch ID: R470371 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24061278-06	4F19012-06	18 Jun 2024 18:03			25 Jun 2024 09:43	50
Batch ID: R470747 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24061278-01	4F19012-01	18 Jun 2024 11:30			28 Jun 2024 01:08	20
HS24061278-02	4F19012-02	18 Jun 2024 12:47			28 Jun 2024 01:17	20
HS24061278-03	4F19012-03	18 Jun 2024 14:58			28 Jun 2024 01:29	20
HS24061278-04	4F19012-04	18 Jun 2024 15:52			28 Jun 2024 01:38	20
HS24061278-05	4F19012-05	18 Jun 2024 17:10			28 Jun 2024 01:50	20
HS24061278-06	4F19012-06	18 Jun 2024 18:03			28 Jun 2024 02:00	20

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: R470214 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240624** Units: **ug/L** Analysis Date: **24-Jun-2024 09:03**
Client ID: Run ID: **FID-4_470214** SeqNo: **8093681** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-240624** Units: **ug/L** Analysis Date: **24-Jun-2024 09:14**
Client ID: Run ID: **FID-4_470214** SeqNo: **8093682** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.33	1.00	18.04	0	90.5	75 - 125				
Ethene	14.43	1.00	16.8	0	85.9	75 - 125				
Methane	8.514	0.500	9.647	0	88.3	75 - 125				

LCSD Sample ID: **LCSD-240624** Units: **ug/L** Analysis Date: **24-Jun-2024 09:23**
Client ID: Run ID: **FID-4_470214** SeqNo: **8093683** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.12	1.00	18.04	0	83.8	75 - 125	16.33	7.7	30	
Ethene	14.37	1.00	16.8	0	85.6	75 - 125	14.43	0.355	30	
Methane	8.352	0.500	9.647	0	86.6	75 - 125	8.514	1.93	30	

The following samples were analyzed in this batch: HS24061278-01 HS24061278-02 HS24061278-03 HS24061278-04 HS24061278-05

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: R470295 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240624B** Units: **ug/L** Analysis Date: **24-Jun-2024 15:53**
Client ID: Run ID: **FID-4_470295** SeqNo: **8095125** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-240624B** Units: **ug/L** Analysis Date: **24-Jun-2024 16:05**
Client ID: Run ID: **FID-4_470295** SeqNo: **8095126** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.1	1.00	18.04	0	83.7	75 - 125				
Ethene	14.41	1.00	16.8	0	85.8	75 - 125				
Methane	9.376	0.500	9.647	0	97.2	75 - 125				

LCSD Sample ID: **LCSD-240624B** Units: **ug/L** Analysis Date: **24-Jun-2024 16:14**
Client ID: Run ID: **FID-4_470295** SeqNo: **8095127** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.61	1.00	18.04	0	86.5	75 - 125	15.1	3.32	30	
Ethene	14.13	1.00	16.8	0	84.1	75 - 125	14.41	1.95	30	
Methane	9.335	0.500	9.647	0	96.8	75 - 125	9.376	0.447	30	

The following samples were analyzed in this batch: HS24061278-05 HS24061278-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: R470371 (0) **Instrument: FID-4** **Method: DISSOLVED GASES BY RSK-175**

MBLK Sample ID: **MBLK-240625** Units: **ug/L** Analysis Date: **25-Jun-2024 08:54**
Client ID: Run ID: **FID-4_470371** SeqNo: **8096887** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	ND	0.500								

LCS Sample ID: **LCS-240625** Units: **ug/L** Analysis Date: **25-Jun-2024 09:05**
Client ID: Run ID: **FID-4_470371** SeqNo: **8096888** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	8.088	0.500	9.647	0	83.8	75 - 125				

LCSD Sample ID: **LCSD-240625** Units: **ug/L** Analysis Date: **25-Jun-2024 09:15**
Client ID: Run ID: **FID-4_470371** SeqNo: **8096889** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methane	8.046	0.500	9.647	0	83.4	75 - 125	8.088	0.529	30	

The following samples were analyzed in this batch: HS24061278-06

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: 213923 (0) **Instrument: ICPMS07** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-213923** Units: **mg/L** Analysis Date: **24-Jun-2024 18:12**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095505** PrepDate: **21-Jun-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-213923** Units: **mg/L** Analysis Date: **24-Jun-2024 18:14**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095506** PrepDate: **21-Jun-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.539	0.200	5	0	90.8	80 - 120				
Manganese	0.04426	0.00500	0.05	0	88.5	80 - 120				

MS Sample ID: **HS24060729-03MS** Units: **mg/L** Analysis Date: **24-Jun-2024 18:23**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095509** PrepDate: **21-Jun-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	17.39	0.200	5	15.15	44.7	75 - 125				S
Manganese	0.4792	0.00500	0.05	0.4988	-39.1	75 - 125				SO

MSD Sample ID: **HS24060729-03MSD** Units: **mg/L** Analysis Date: **24-Jun-2024 18:25**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095510** PrepDate: **21-Jun-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	17.43	0.200	5	15.15	45.5	75 - 125	17.39	0.213	20	S
Manganese	0.4804	0.00500	0.05	0.4988	-36.8	75 - 125	0.4792	0.24	20	SO

PDS Sample ID: **HS24060729-03PDS** Units: **mg/L** Analysis Date: **24-Jun-2024 18:28**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095511** PrepDate: **21-Jun-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	22.77	0.200	10	15.15	76.2	75 - 125				

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: 213923 (0) **Instrument: ICPMS07** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

PDS Sample ID: **HS24060729-03PDS** Units: **mg/L** Analysis Date: **25-Jun-2024 12:32**
Client ID: Run ID: **ICPMS07_470365** SeqNo: **8097052** PrepDate: **21-Jun-2024** DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Manganese	1.327	0.0500	1	0.4679	85.9	75 - 125				

SD Sample ID: **HS24060729-03SD** Units: **mg/L** Analysis Date: **24-Jun-2024 18:17**
Client ID: Run ID: **ICPMS07_470252** SeqNo: **8095507** PrepDate: **21-Jun-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	13.65	1.00					15.15	9.9	10	

SD Sample ID: **HS24060729-03SD** Units: **mg/L** Analysis Date: **25-Jun-2024 12:30**
Client ID: Run ID: **ICPMS07_470365** SeqNo: **8097051** PrepDate: **21-Jun-2024** DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Manganese	0.4602	0.250					0.4679	1.66	10	

The following samples were analyzed in this batch: HS24061278-01 HS24061278-02 HS24061278-03 HS24061278-04 HS24061278-05 HS24061278-06

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QC BATCH REPORT

Batch ID: R470747 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-06272024** Units: **mg/L** Analysis Date: **28-Jun-2024 00:26**
Client ID: Run ID: **TOC_04_470747** SeqNo: **8106176** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-06272024** Units: **mg/L** Analysis Date: **28-Jun-2024 00:38**
Client ID: Run ID: **TOC_04_470747** SeqNo: **8106177** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.228	1.00	10	0	92.3	85 - 115				

LCSD Sample ID: **LCSD-06272024** Units: **mg/L** Analysis Date: **28-Jun-2024 00:48**
Client ID: Run ID: **TOC_04_470747** SeqNo: **8106178** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	9.217	1.00	10	0	92.2	85 - 115	9.228	0.119	20	

MS Sample ID: **HS24060883-25MS** Units: **mg/L** Analysis Date: **28-Jun-2024 03:30**
Client ID: Run ID: **TOC_04_470747** SeqNo: **8106191** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	11.17	1.00	10	2.774	84.0	80 - 120				

The following samples were analyzed in this batch: HS24061278-01 HS24061278-02 HS24061278-03 HS24061278-04 HS24061278-05 HS24061278-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Client: Permian Basin Environmental Lab, LP
Project: 4F19012
WorkOrder: HS24061278

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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ALS Houston, US Date: 28-Jun-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Florida	E87611-38	30-Jun-2024
Illinois	2000322023-11	30-Jun-2024
Kansas	E-10352 2023-2024	31-Jul-2024
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Maryland	343; 2023-2024	30-Jun-2024
Michigan	9971	30-Apr-2025
North Carolina	624 - 2024	31-Dec-2024
Oklahoma	2023-140	31-Aug-2024
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2024

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 28-Jun-24

Sample Receipt Checklist

Work Order ID: HS24061278 **Date/Time Received:** 20-Jun-2024 09:25

Client Name: Permian Basin Lab **Received by:** Belinda Gomez

Completed By:	/S/ Michael Lucio	20-Jun-2024 17:39	**Reviewed by:**	/S/ Anna Kinchen	21-Jun-2024 10:40
	eSignature	Date/Time		eSignature	Date/Time

Matrices: w Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☐	No ☑	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	0.8uc/0.9c	IR31
Cooler(s)/Kit(s):	Red	
Date/Time sample(s) sent to storage:	06/20/2024 17:70	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes: Vial for sample 4F19012-03 received broken.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, L
1400 Rankin HWY
Midland, Texas 79701

HS24061278
Permian Basin Environmental Lab, LP
4F19012

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No:
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 ML POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	Mn DISS ICP 6010B	Fe DISS ICP 6010B	TOC-415.1	24 HOUR RUSH	STANDARD
	4F19012-01			6/18/2024	11:30	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-02			6/18/2024	12:47	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-03			6/18/2024	14:58	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-04			6/18/2024	15:52	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-05			6/18/2024	17:10	Y	5	X	X	X	X					W	X	X	X	X		X
	4F19012-06			6/18/2024	18:03	Y	5	X	X	X	X					W	X	X	X	X		X

3

BRENT BARRON	6/19/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

6/24/24 0825

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 0.4 °C
Adjusted: °C Factor

INI CF 0.1

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

Received by OCD: 11/6/2025 3:21:04 PM

ORIGIN ID:MAFA (432) 686-7235
BRENT BARRON
PBE LAB
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 18JUN24
ACTWGT: 35.00 LB
CAD: 107136846/INET4535
DIMS: 15x17x9 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD

HOUSTON TX 77099

(281) 530-5615 REF:
INV:
PO
DEPT:

583J5/B21D/9AE3

J242024033691uv

THU - 20 JUN 5:00P
STANDARD OVERNIGHT

TRK# 0201 7769 5004 9460

AB SGRA

77099
TX-US IAH

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PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico

Lab Order Number: 4I27002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/01/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-20	4I27002-01	Water	09/24/24 14:38	09-27-2024 09:10
MW-4	4I27002-02	Water	09/24/24 15:15	09-27-2024 09:10
RW-1	4I27002-03	Water	09/24/24 15:47	09-27-2024 09:10
RW-6	4I27002-04	Water	09/24/24 16:22	09-27-2024 09:10

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4I27002-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*84.4 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:14*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4I27002-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	**2.84**	0.0100	mg/L	10	P4I2705	09/27/24 11:35	09/30/24 13:11	EPA 8021B	
Toluene	**0.0308**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:36	EPA 8021B	
Ethylbenzene	**0.0651**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:36	EPA 8021B	
Xylene (p/m)	**0.107**	0.00200	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:36	EPA 8021B	
Xylene (o)	**0.0117**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*111 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*94.9 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:36*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4I27002-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00206**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 05:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*118 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.0 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 05:58*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-6

4I27002-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.107**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 07:03	EPA 8021B	
Toluene	**0.00571**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 07:03	EPA 8021B	
Ethylbenzene	**0.0138**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 07:03	EPA 8021B	
Xylene (p/m)	**0.0133**	0.00200	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 07:03	EPA 8021B	
Xylene (o)	**0.00587**	0.00100	mg/L	1	P4I2705	09/27/24 11:35	09/28/24 07:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*119 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 07:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*81.7 %*	*80-120*		*P4I2705*	*09/27/24 11:35*	*09/28/24 07:03*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2705 - * DEFAULT PREP *** **										
Blank (P4I2705-BLK1)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.140*		"	*0.120*		*117*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		"	*0.120*		*86.3*	*80-120*			
LCS (P4I2705-BS1)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		118	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.143*		"	*0.120*		*119*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		"	*0.120*		*93.2*	*80-120*			
LCS Dup (P4I2705-BSD1)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.100	0.00100	mg/L	0.100		100	80-120	2.12	20	
Toluene	0.105	0.00100	"	0.100		105	80-120	3.04	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120	2.44	20	
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120	1.13	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	2.19	20	
Surrogate: 4-Bromofluorobenzene	*0.142*		"	*0.120*		*118*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		"	*0.120*		*92.8*	*80-120*			
Calibration Blank (P4I2705-CCB1)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.138*		"	*0.120*		*115*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		"	*0.120*		*86.3*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2705 - * DEFAULT PREP *** **										
Calibration Blank (P4I2705-CCB2)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.141*		"	*0.120*		*117*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		"	*0.120*		*85.0*	*80-120*			
Calibration Check (P4I2705-CCV1)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.138*		"	*0.120*		*115*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		"	*0.120*		*90.8*	*80-120*			
Calibration Check (P4I2705-CCV2)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		"	*0.120*		*86.6*	*80-120*			
Calibration Check (P4I2705-CCV3)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.136*		"	*0.120*		*114*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.108*		"	*0.120*		*89.8*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2705 - * DEFAULT PREP *** **										
Matrix Spike (P4I2705-MS1)	**Source: 4I26013-14**			Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.101	0.00100	mg/L	0.100	ND	101	80-120			
Toluene	0.105	0.00100	"	0.100	ND	105	80-120			
Ethylbenzene	0.119	0.00100	"	0.100	ND	119	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200	ND	119	80-120			
Xylene (o)	0.104	0.00100	"	0.100	ND	104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.142*		*"*	*0.120*		*118*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.9*	*80-120*			
Matrix Spike Dup (P4I2705-MSD1)	**Source: 4I26013-14**			Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.102	0.00100	mg/L	0.100	ND	102	80-120	1.55	20	
Toluene	0.107	0.00100	"	0.100	ND	107	80-120	1.65	20	
Ethylbenzene	0.122	0.00100	"	0.100	ND	122	80-120	2.13	20	QM-05
Xylene (p/m)	0.242	0.00200	"	0.200	ND	121	80-120	1.58	20	QM-05
Xylene (o)	0.105	0.00100	"	0.100	ND	105	80-120	1.37	20	
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.120*		*117*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.6*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 10/1/2024

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

TRC Solutions- Midland, Texas	Project:	97-17
10 Desta Dr STE 150E	Project Number:	TNM 97-17
Midland TX, 79705	Project Manager:	Jonathan Repman

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Rapman
Company Name: TRC
Company Address: 10 Desta Dr.
City/State/Zip: Midland Tx 79705
Telephone No: 432) 520-7720
Sampler Signature:

Project Name: 97-17
Project #:
Project Loc:
PO #:
Fax No:
e-mail:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 4I27002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: TX 1005 TX 1006	Anions (Cl, SO4, Alkalinity)	BTEX 8021B/5030 or BTEX 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 h	Standard TAT
1	MW-20			9-24-24	1438		3	X		X						GW			X		
2	MW-4				1515																
3	RW-1				1547																
4	RW-6				1622																

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-27-24	0910			
			Received by PBEL: Tessa Bledsoe	9/27/24	9:10

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 4.3 °C Thermometer: NCF 13
Adjusted: °C Factor:

PBEL_COC_2021_1 Revision #: 2021_1 Effective Date: 9-21-21 Page __ of __

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: 97-17_MNA

Project Number: TNM 97-17

Location: Lea County, NM

Lab Order Number: 4I26010

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 10/10/24

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	4I26010-01	Water	09/25/24 12:15	09-26-2024 08:30
MW-7	4I26010-02	Water	09/25/24 13:10	09-26-2024 08:30
MW-11	4I26010-03	Water	09/25/24 17:05	09-26-2024 08:30
MW-19	4I26010-04	Water	09/25/24 14:25	09-26-2024 08:30
MW-25	4I26010-05	Water	09/25/24 11:00	09-26-2024 08:30
RW-3	4I26010-06	Water	09/25/24 15:40	09-26-2024 08:30

TOC, Dissolved Gasses, Dissolved Metalss analysis and 8260 BTEX were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-5

4I26010-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:29	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:29	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:29	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:29	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*120 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 16:29*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*85.7 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 16:29*	*EPA 8021B*	
Ethane	ND	0.0100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 12:30	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 09:53	8015M	SUB-13
Methane	**0.303**	0.00500	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 12:30	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**532**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 13:45	EPA 300.0	
Sulfate	**2260**	25.0	mg/L	25	P4I2703	09/27/24 08:29	10/09/24 16:18	EPA 300.0	
Total Organic Carbon	**19.0**	10.0	mg/L	1	P4J0916	10/01/24 12:29	10/01/24 12:29	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 20:47	EPA 6020A	SUB-13
Manganese	ND	0.0250	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 20:47	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4I26010-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.567**	0.00500	mg/L	5	P4I2704	09/27/24 11:28	09/30/24 12:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:51	EPA 8021B	
Ethylbenzene	**0.0458**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:51	EPA 8021B	
Xylene (p/m)	**0.0184**	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 16:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 16:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*93.5 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 16:51*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:04	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:04	8015M	SUB-13
Methane	**0.820**	0.0250	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 12:38	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**510**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 14:45	EPA 300.0	
Sulfate	**1810**	25.0	mg/L	25	P4I2703	09/27/24 08:29	10/09/24 17:19	EPA 300.0	
Total Organic Carbon	**43.8**	10.0	mg/L	1	P4J0916	10/01/24 12:39	10/01/24 12:39	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:02	EPA 6020A	SUB-13
Manganese	ND	0.0250	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:02	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-11

4I26010-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*119 %*		*80-120*	*P4I2704*	*09/27/24 11:28*	*09/27/24 17:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*86.4 %*		*80-120*	*P4I2704*	*09/27/24 11:28*	*09/27/24 17:14*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:18	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:18	8015M	SUB-13
Methane	**0.00181**	0.000500	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:18	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**99.0**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 15:05	EPA 300.0	
Sulfate	**1950**	25.0	mg/L	25	P4I2703	09/27/24 08:29	10/09/24 17:40	EPA 300.0	
Total Organic Carbon	**6.84**	1.00	mg/L	1	P4J0916	10/01/24 12:52	10/01/24 12:52	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:04	EPA 6020A	SUB-13
Manganese	ND	0.0250	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:04	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-19

4I26010-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.115**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:36	EPA 8021B	
Toluene	**0.00421**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:36	EPA 8021B	
Ethylbenzene	**0.0151**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:36	EPA 8021B	
Xylene (p/m)	**0.0362**	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:36	EPA 8021B	
Xylene (o)	**0.0186**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*124 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 17:36*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*87.9 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 17:36*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:34	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:34	8015M	SUB-13
Methane	**2.67**	0.0500	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 12:54	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**879**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 15:25	EPA 300.0	
Sulfate	**1120**	25.0	mg/L	25	P4I2703	09/27/24 08:29	10/09/24 18:00	EPA 300.0	
Total Organic Carbon	**166**	10.0	mg/L	1	P4J0916	10/01/24 15:59	10/01/24 15:59	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.400	mg/L	1	P4J0916	10/02/24 00:00	10/04/24 11:42	EPA 6020A	SUB-13
Manganese	**0.0178**	0.0100	mg/L	1	P4J0916	10/02/24 00:00	10/04/24 11:42	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4I26010-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 17:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*122 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 17:58*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*86.8 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 17:58*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:52	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 10:52	8015M	SUB-13
Methane	**0.0501**	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 13:16	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**406**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 15:44	EPA 300.0	
Sulfate	**1850**	10.0	mg/L	10	P4I2703	09/27/24 08:29	10/09/24 18:21	EPA 300.0	
Total Organic Carbon	**17.7**	1.00	mg/L	1	P4J0916	10/01/24 16:11	10/01/24 16:11	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:09	EPA 6020A	SUB-13
Manganese	**0.0536**	0.0250	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:09	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-3

4I26010-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0113**	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 18:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 18:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 18:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 18:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4I2704	09/27/24 11:28	09/27/24 18:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*117 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 18:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*89.1 %*	*80-120*		*P4I2704*	*09/27/24 11:28*	*09/27/24 18:20*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 11:01	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 11:01	8015M	SUB-13
Methane	**0.189**	0.00500	mg/L	1	P4J0916	09/30/24 00:00	09/30/24 13:26	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**140**	2.00	mg/L	1	P4I3015	09/30/24 10:09	10/01/24 12:16	8000	
Nitrate as N	ND	0.200	mg/L	1	P4I2703	09/27/24 08:29	09/27/24 16:04	EPA 300.0	
Sulfate	**2700**	25.0	mg/L	25	P4I2703	09/27/24 08:29	10/09/24 18:41	EPA 300.0	
Total Organic Carbon	**21.8**	1.00	mg/L	1	P4J0916	10/01/24 16:22	10/01/24 16:22	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	1.00	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:12	EPA 6020A	SUB-13
Manganese	ND	0.0250	mg/L	1	P4J0916	10/02/24 00:00	10/03/24 21:12	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2704 - * DEFAULT PREP *** **										
Blank (P4I2704-BLK1)				Prepared & Analyzed: 09/27/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.144*		*"*	*0.120*		*120*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.2*	*80-120*			
LCS (P4I2704-BS1)				Prepared & Analyzed: 09/27/24						
Benzene	0.0960	0.00100	mg/L	0.100		96.0	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 4-Bromofluorobenzene	*0.145*		*"*	*0.120*		*121*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.1*	*80-120*			
LCS Dup (P4I2704-BSD1)				Prepared & Analyzed: 09/27/24						
Benzene	0.0980	0.00100	mg/L	0.100		98.0	80-120	2.14	20	
Toluene	0.107	0.00100	"	0.100		107	80-120	2.75	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	4.45	20	
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120	1.83	20	
Xylene (o)	0.110	0.00100	"	0.100		110	80-120	2.13	20	
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.120*		*114*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.103*		*"*	*0.120*		*86.2*	*80-120*			
Calibration Blank (P4I2704-CCB1)				Prepared & Analyzed: 09/27/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.143*		*"*	*0.120*		*119*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*84.8*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2704 - * DEFAULT PREP *** **										
Calibration Blank (P4I2704-CCB2)				Prepared & Analyzed: 09/27/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.141*		*"*	*0.120*		*118*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.102*		*"*	*0.120*		*85.3*	*80-120*			
Calibration Blank (P4I2704-CCB3)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.104*		*"*	*0.120*		*86.3*	*80-120*			
Calibration Check (P4I2704-CCV1)				Prepared & Analyzed: 09/27/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		118	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.120*		*117*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*80-120*			
Calibration Check (P4I2704-CCV2)				Prepared & Analyzed: 09/27/24						
Benzene	0.102	0.00100	mg/L	0.100		102	80-120			
Toluene	0.108	0.00100	"	0.100		108	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	*0.140*		*"*	*0.120*		*117*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.110*		*"*	*0.120*		*91.3*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2704 - * DEFAULT PREP *** **										
Calibration Check (P4I2704-CCV3)				Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.138*		*"*	*0.120*		*115*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*90.8*	*80-120*			
Matrix Spike (P4I2704-MS1)		**Source: 4I26019-01**		Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.0953	0.00100	mg/L	0.100	ND	95.3	80-120			
Toluene	0.0984	0.00100	"	0.100	ND	98.4	80-120			
Ethylbenzene	0.111	0.00100	"	0.100	ND	111	80-120			
Xylene (p/m)	0.133	0.00200	"	0.200	ND	66.5	80-120			QM-05
Xylene (o)	0.0920	0.00100	"	0.100	ND	92.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.142*		*"*	*0.120*		*119*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.111*		*"*	*0.120*		*92.9*	*80-120*			
Matrix Spike Dup (P4I2704-MSD1)		**Source: 4I26019-01**		Prepared: 09/27/24 Analyzed: 09/28/24						
Benzene	0.109	0.00100	mg/L	0.100	ND	109	80-120	13.7	20	
Toluene	0.112	0.00100	"	0.100	ND	112	80-120	12.5	20	
Ethylbenzene	0.127	0.00100	"	0.100	ND	127	80-120	13.6	20	QM-05
Xylene (p/m)	0.112	0.00200	"	0.200	ND	56.2	80-120	16.8	20	QM-05
Xylene (o)	0.0905	0.00100	"	0.100	ND	90.5	80-120	1.64	20	
Surrogate: 4-Bromofluorobenzene	*0.143*		*"*	*0.120*		*119*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.112*		*"*	*0.120*		*93.5*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2703 - * DEFAULT PREP *** **										
Blank (P4I2703-BLK1)				Prepared & Analyzed: 09/27/24						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P4I2703-BS1)				Prepared & Analyzed: 09/27/24						
Nitrate as N	19.1		mg/L	20.0		95.5	90-110			
Sulfate	18.8		"	20.0		93.8	90-110			
LCS Dup (P4I2703-BSD1)				Prepared & Analyzed: 09/27/24						
Sulfate	18.8		mg/L	20.0		93.9	90-110	0.0480	10	
Nitrate as N	19.1		"	20.0		95.5	90-110	0.0419	10	
Calibration Check (P4I2703-CCV1)				Prepared & Analyzed: 09/27/24						
Sulfate	18.8		mg/L	20.0		93.8	90-110			
Nitrate as N	19.1		"	20.0		95.3	90-110			
Calibration Check (P4I2703-CCV2)				Prepared & Analyzed: 09/27/24						
Nitrate as N	19.2		mg/L	20.0		96.0	90-110			
Sulfate	19.0		"	20.0		95.1	90-110			
Matrix Spike (P4I2703-MS1)	**Source: 4I26010-01**			Prepared & Analyzed: 09/27/24						
Nitrate as N	19.1		mg/L	20.0	0.0490	95.2	80-120			
Sulfate	105		"	20.0	2260	NR	80-120			MS-1
Matrix Spike (P4I2703-MS2)	**Source: 4I27001-05**			Prepared & Analyzed: 09/27/24						
Nitrate as N	20.2		mg/L	20.0	0.125	101	80-120			
Sulfate	93.5		"	20.0	76.8	83.9	80-120			
Matrix Spike Dup (P4I2703-MSD1)	**Source: 4I26010-01**			Prepared: 09/27/24 Analyzed: 10/09/24						
Sulfate	104		mg/L	20.0	2260	NR	80-120	0.0985	20	MS-1
Nitrate as N	19.2		"	20.0	0.0490	95.9	80-120	0.679	20	

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4I2703 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4I2703-MSD2)	**Source: 4I27001-05**			Prepared & Analyzed: 09/27/24						
Nitrate as N	20.4		mg/L	20.0	0.125	102	80-120	1.06	20	
Sulfate	93.6		"	20.0	76.8	84.4	80-120	0.0983	20	
Batch P4I3015 - * DEFAULT PREP *** **										
Blank (P4I3015-BLK1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4I3015-BS1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	94.0	2.00	mg/L	100		94.0	80-120			
LCS Dup (P4I3015-BSD1)				Prepared & Analyzed: 10/01/24						
Chemical Oxygen Demand	95.0	2.00	mg/L	100		95.0	80-120	1.06	20	

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
MS-1	Recovery of sample outside of historical limits due to matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 10/10/2024

Brent Barron, Laboratory Director/Technical Director

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

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PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: John Repman
Company Name: TRC Environmental Corperation
Company Address: 10 Desta Dr. Suite 410 E.
City/State/Zip: Midland Tx 79705
Telephone No: (432)-520-7720 **Fax No:**
Sampler Signature: Manny Hernandez

Project Name: TNM 97-17
Project #: TNM 97-17
Project Loc:
PO #:
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail:

(lab use only)
ORDER #: 4I26010

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TOC MW 5310	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010	Nitrate and Sulfate by E300	COD by SM5310	Total BTEX by 8260	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1 1	MW-5			9-25-24	1215		9	X	1	6	2					GW	x	x	x	x	x	x		
2 2	MW-7				1310		9	X	1	6	2					GW	x	x	x	x	x	x		
3 3	MW-11				1705		9	X	1	6	2					GW	x	x	x	x	x	x		
4 4	MW-19				1425		9	X	1	6	2					GW	x	x	x	x	x	x		
5 5	MW-25				1100		9	X	1	6	2					GW	x	x	x	x	x	x		
6 6	RW-3				1540		9	X	1	6	2					GW	x	x	x	x	x	x		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	9-26-24	0830			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date 9/26/24	Time 0830

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 0.5 °C Thermometer: L3
Adjusted: NCF °C Factor: NCF

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #: :

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	Mn DISS ICP MS 6010B	Fe DISS ICP MS 6010B	TOC-415.1	72 HOUR RUSH	STANDARD
	4I26010-01			9/25/2024	12:15	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-02			9/25/2024	13:10	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-03			9/25/2024	17:05	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-04			9/25/2024	14:25	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-05			9/25/2024	11:00	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-06			9/25/2024	15:40	Y	5	X	X	X	X					W	X	X	X	X		X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	9/26/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

October 04, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24091450**

Laboratory Results for: **4I26010**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Sep 27, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Anna Kinchen
Project Manager

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Work Order: HS24091450

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24091450-01	4I26010-01	Water		25-Sep-2024 12:15	27-Sep-2024 09:05	☐
HS24091450-02	4I26010-02	Water		25-Sep-2024 13:10	27-Sep-2024 09:05	☐
HS24091450-03	4I26010-03	Water		25-Sep-2024 17:05	27-Sep-2024 09:05	☐
HS24091450-04	4I26010-04	Water		25-Sep-2024 14:25	27-Sep-2024 09:05	☐
HS24091450-05	4I26010-05	Water		25-Sep-2024 11:00	27-Sep-2024 09:05	☐
HS24091450-06	4I26010-06	Water		25-Sep-2024 15:40	27-Sep-2024 09:05	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4I26010
Work Order: HS24091450

GC Semivolatiles by Method RSK-175

Batch ID: R478498

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020A

Batch ID: 218451

Sample ID: 4I26010-01 (HS24091450-01)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4I26010-02 (HS24091450-02)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4I26010-03 (HS24091450-03)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4I26010-04 (HS24091450-04)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4I26010-05 (HS24091450-05)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

Sample ID: 4I26010-06 (HS24091450-06)

• The reporting limit(s) is/are elevated due to dilution for high concentrations of non-target analytes.

WetChemistry by Method E415.1

Batch ID: R478741

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-01
Collection Date: 25-Sep-2024 12:15

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		10.0	ug/L	10	30-Sep-2024 12:30
Ethene	ND		1.00	ug/L	1	30-Sep-2024 09:53
Methane	**303**		**5.00**	**ug/L**	10	30-Sep-2024 12:30
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	03-Oct-2024 20:47
Manganese	ND		0.0250	mg/L	5	03-Oct-2024 20:47
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**19.0**		**10.0**	**mg/L**	10	01-Oct-2024 12:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-02
Collection Date: 25-Sep-2024 13:10

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175	**Method:RSK-175**					Analyst: RG
Ethane	ND		1.00	ug/L	1	30-Sep-2024 10:04
Ethene	ND		1.00	ug/L	1	30-Sep-2024 10:04
Methane	**820**		**25.0**	**ug/L**	50	30-Sep-2024 12:38
DISSOLVED METALS BY SW6020A	**Method:SW6020A (dissolved)**			Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	03-Oct-2024 21:02
Manganese	ND		0.0250	mg/L	5	03-Oct-2024 21:02
TOTAL ORGANIC CARBON BY E415.1	**Method:E415.1**					Analyst: DH
Organic Carbon, Total	**43.8**		**10.0**	**mg/L**	10	01-Oct-2024 12:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-03
Collection Date: 25-Sep-2024 17:05

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	30-Sep-2024 10:18
Ethene	ND		1.00	ug/L	1	30-Sep-2024 10:18
Methane	**1.81**		**0.500**	**ug/L**	1	30-Sep-2024 10:18
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	03-Oct-2024 21:04
Manganese	ND		0.0250	mg/L	5	03-Oct-2024 21:04
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**6.84**		**1.00**	**mg/L**	1	01-Oct-2024 12:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-04
Collection Date: 25-Sep-2024 14:25

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	30-Sep-2024 10:34
Ethene	ND		1.00	ug/L	1	30-Sep-2024 10:34
Methane	**2,670**		**50.0**	**ug/L**	100	30-Sep-2024 12:54
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		0.400	mg/L	2	04-Oct-2024 11:42
Manganese	**0.0178**		**0.0100**	**mg/L**	2	04-Oct-2024 11:42
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**166**		**10.0**	**mg/L**	10	01-Oct-2024 15:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-05
Collection Date: 25-Sep-2024 11:00

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	30-Sep-2024 10:52
Ethene	ND		1.00	ug/L	1	30-Sep-2024 10:52
Methane	**50.1**		**1.00**	**ug/L**	2	30-Sep-2024 13:16
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	03-Oct-2024 21:09
Manganese	**0.0536**		**0.0250**	**mg/L**	5	03-Oct-2024 21:09
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**17.7**		**1.00**	**mg/L**	1	01-Oct-2024 16:11

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
Sample ID: 4I26010-06
Collection Date: 25-Sep-2024 15:40

ANALYTICAL REPORT
WorkOrder:HS24091450
Lab ID:HS24091450-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	30-Sep-2024 11:01
Ethene	ND		1.00	ug/L	1	30-Sep-2024 11:01
Methane	**189**		**5.00**	**ug/L**	10	30-Sep-2024 13:26
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 03-Oct-2024		Analyst: JC
Iron	ND		1.00	mg/L	5	03-Oct-2024 21:12
Manganese	ND		0.0250	mg/L	5	03-Oct-2024 21:12
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: DH
Organic Carbon, Total	**21.8**		**1.00**	**mg/L**	1	01-Oct-2024 16:22

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 04-Oct-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

Batch ID: 218451 **Start Date:** 03 Oct 2024 08:00 **End Date:** 03 Oct 2024 08:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24091450-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24091450-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24091450-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24091450-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24091450-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24091450-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 218451 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24091450-01	4I26010-01	25 Sep 2024 12:15		03 Oct 2024 08:00	03 Oct 2024 20:47	5
HS24091450-02	4I26010-02	25 Sep 2024 13:10		03 Oct 2024 08:00	03 Oct 2024 21:02	5
HS24091450-03	4I26010-03	25 Sep 2024 17:05		03 Oct 2024 08:00	03 Oct 2024 21:04	5
HS24091450-04	4I26010-04	25 Sep 2024 14:25		03 Oct 2024 08:00	04 Oct 2024 11:42	2
HS24091450-05	4I26010-05	25 Sep 2024 11:00		03 Oct 2024 08:00	03 Oct 2024 21:09	5
HS24091450-06	4I26010-06	25 Sep 2024 15:40		03 Oct 2024 08:00	03 Oct 2024 21:12	5
Batch ID: R478498 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24091450-01	4I26010-01	25 Sep 2024 12:15			30 Sep 2024 12:30	10
HS24091450-01	4I26010-01	25 Sep 2024 12:15			30 Sep 2024 09:53	1
HS24091450-02	4I26010-02	25 Sep 2024 13:10			30 Sep 2024 12:38	50
HS24091450-02	4I26010-02	25 Sep 2024 13:10			30 Sep 2024 10:04	1
HS24091450-03	4I26010-03	25 Sep 2024 17:05			30 Sep 2024 10:18	1
HS24091450-04	4I26010-04	25 Sep 2024 14:25			30 Sep 2024 12:54	100
HS24091450-04	4I26010-04	25 Sep 2024 14:25			30 Sep 2024 10:34	1
HS24091450-05	4I26010-05	25 Sep 2024 11:00			30 Sep 2024 13:16	2
HS24091450-05	4I26010-05	25 Sep 2024 11:00			30 Sep 2024 10:52	1
HS24091450-06	4I26010-06	25 Sep 2024 15:40			30 Sep 2024 13:26	10
HS24091450-06	4I26010-06	25 Sep 2024 15:40			30 Sep 2024 11:01	1
Batch ID: R478741 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24091450-01	4I26010-01	25 Sep 2024 12:15			01 Oct 2024 12:29	10
HS24091450-02	4I26010-02	25 Sep 2024 13:10			01 Oct 2024 12:39	10
HS24091450-03	4I26010-03	25 Sep 2024 17:05			01 Oct 2024 12:52	1
HS24091450-04	4I26010-04	25 Sep 2024 14:25			01 Oct 2024 15:59	10
HS24091450-05	4I26010-05	25 Sep 2024 11:00			01 Oct 2024 16:11	1
HS24091450-06	4I26010-06	25 Sep 2024 15:40			01 Oct 2024 16:22	1

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

QC BATCH REPORT

Batch ID: R478498 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-240930** Units: **ug/L** Analysis Date: **30-Sep-2024 09:20**
Client ID: Run ID: **FID-4_478498** SeqNo: **8280210** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-240930** Units: **ug/L** Analysis Date: **30-Sep-2024 09:28**
Client ID: Run ID: **FID-4_478498** SeqNo: **8280211** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.36	1.00	18.04	0	90.7	75 - 125				
Ethene	13.14	1.00	16.8	0	78.2	75 - 125				
Methane	8.939	0.500	9.647	0	92.7	75 - 125				

LCSD Sample ID: **LCSD-240930** Units: **ug/L** Analysis Date: **30-Sep-2024 09:37**
Client ID: Run ID: **FID-4_478498** SeqNo: **8280212** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	16.34	1.00	18.04	0	90.5	75 - 125	16.36	0.171	30	
Ethene	13.21	1.00	16.8	0	78.6	75 - 125	13.14	0.556	30	
Methane	9.239	0.500	9.647	0	95.8	75 - 125	8.939	3.31	30	

The following samples were analyzed in this batch: HS24091450-01 HS24091450-02 HS24091450-03 HS24091450-04 HS24091450-05 HS24091450-06

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

QC BATCH REPORT

Batch ID: 218451 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-218451** Units: **mg/L** Analysis Date: **03-Oct-2024 20:18**
Client ID: Run ID: **ICPMS06_478892** SeqNo: **8290527** PrepDate: **03-Oct-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-218451** Units: **mg/L** Analysis Date: **03-Oct-2024 20:20**
Client ID: Run ID: **ICPMS06_478892** SeqNo: **8290528** PrepDate: **03-Oct-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.641	0.200	5	0	92.8	80 - 120				
Manganese	0.04639	0.00500	0.05	0	92.8	80 - 120				

MS Sample ID: **HS24091450-01MS** Units: **mg/L** Analysis Date: **03-Oct-2024 20:51**
Client ID: **4I26010-01** Run ID: **ICPMS06_478892** SeqNo: **8290535** PrepDate: **03-Oct-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.762	1.00	5	0.01633	94.9	75 - 125				
Manganese	0.06948	0.0250	0.05	0.02173	95.5	75 - 125				

MSD Sample ID: **HS24091450-01MSD** Units: **mg/L** Analysis Date: **03-Oct-2024 20:53**
Client ID: **4I26010-01** Run ID: **ICPMS06_478892** SeqNo: **8290536** PrepDate: **03-Oct-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.858	1.00	5	0.01633	96.8	75 - 125	4.762	2	20	
Manganese	0.06945	0.0250	0.05	0.02173	95.4	75 - 125	0.06948	0.0475	20	

PDS Sample ID: **HS24091450-01PDS** Units: **mg/L** Analysis Date: **03-Oct-2024 20:55**
Client ID: **4I26010-01** Run ID: **ICPMS06_478892** SeqNo: **8290537** PrepDate: **03-Oct-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	99.82	1.00	100	0	99.8	75 - 125				
Manganese	1.016	0.0250	1	0.02173	99.4	75 - 125				

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

QC BATCH REPORT

Batch ID: 218451 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24091450-01SD** Units: **mg/L** Analysis Date: **03-Oct-2024 20:49**
Client ID: **4I26010-01** Run ID: **ICPMS06_478892** SeqNo: **8290534** PrepDate: **03-Oct-2024** DF: **25**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	5.00					0.01633	0	10	
Manganese	0.02051	0.125					0.02173	0	10	J

The following samples were analyzed in this batch: HS24091450-01 HS24091450-02 HS24091450-03 HS24091450-04 HS24091450-05 HS24091450-06

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

QC BATCH REPORT

Batch ID: R478741 (0) **Instrument: TOC_04** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-10012024** Units: **mg/L** Analysis Date: **01-Oct-2024 11:23**
Client ID: Run ID: **TOC_04_478741** SeqNo: **8285562** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-10012024** Units: **mg/L** Analysis Date: **01-Oct-2024 11:35**
Client ID: Run ID: **TOC_04_478741** SeqNo: **8285563** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.17	1.00	10	0	102	85 - 115				

LCSD Sample ID: **LCSD-10012024** Units: **mg/L** Analysis Date: **01-Oct-2024 11:46**
Client ID: Run ID: **TOC_04_478741** SeqNo: **8285564** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.23	1.00	10	0	102	85 - 115	10.17	0.588	20	

MS Sample ID: **HS24091450-03MS** Units: **mg/L** Analysis Date: **01-Oct-2024 15:48**
Client ID: **4I26010-03** Run ID: **TOC_04_478741** SeqNo: **8285573** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	17.85	1.00	10	6.845	110	80 - 120				

The following samples were analyzed in this batch: HS24091450-01 HS24091450-02 HS24091450-03 HS24091450-04 HS24091450-05 HS24091450-06

ALS Houston, US Date: 04-Oct-24

Client: Permian Basin Environmental Lab, LP
Project: 4I26010
WorkOrder: HS24091450

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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ALS Houston, US Date: 04-Oct-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

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Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 04-Oct-24

Sample Receipt Checklist

Work Order ID: HS24091450 **Date/Time Received:** 27-Sep-2024 09:05

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By:	/S/ Travis Appling	27-Sep-2024 11:35	**Reviewed by:**	/S/ Anna Kinchen	02-Oct-2024 14:46
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	2.7UC/ 2.7C	IR34
Cooler(s)/Kit(s):	Red	
Date/Time sample(s) sent to storage:	09/27/2024 11:35	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes: Samplers name not present on COC.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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Received by OCD: 11/6/2025 3:21:04 PM

HS24091450

Permian Basin Environmental Lab, LP

4I26010

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No:

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	NaOH/Zn	NONE 500ML POLY 250 MIL POLY 500 ML WM AMBER GLASS	NONE	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	Mn DISS ICP MS 6010B	Fe DISS ICP MS 6010B	TOC-415.1	72 HOUR RUSH	STANDARD
	4I26010-01			9/25/2024	12:15	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-02			9/25/2024	13:10	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-03			9/25/2024	17:05	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-04			9/25/2024	14:25	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-05			9/25/2024	11:00	Y	5	X	X	X	X					W	X	X	X	X		X
	4I26010-06			9/25/2024	15:40	Y	5	X	X	X	X					W	X	X	X	X		X

Please add tressa@pbelab.com to the WOA. Thank you.

BRENT BARRON	9/26/2024	5:00 PM	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date 9/27/24	Time 09:05
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

Rcd

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Received by OCD: 11/6/2025 3:21:04 PM



RIGHT SOLUTIONS | RIGHT PARTNER

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman

TRC Solutions- Midland, Texas

10 Desta Dr STE 150E

Midland, TX 79705

Project: 97-17

Project Number: TNM 97-17

Location: Lea County New Mexico

Lab Order Number: 4L11008

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 12/17/24

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	4L11008-01	Water	12/09/24 13:55	12-11-2024 09:02
MW-2	4L11008-02	Water	12/09/24 14:25	12-11-2024 09:02
MW-3	4L11008-03	Water	12/10/24 10:28	12-11-2024 09:02
MW-10	4L11008-04	Water	12/10/24 10:59	12-11-2024 09:02
MW-12	4L11008-05	Water	12/10/24 11:17	12-11-2024 09:02
MW-13	4L11008-06	Water	12/10/24 11:42	12-11-2024 09:02
MW-16	4L11008-07	Water	12/10/24 12:05	12-11-2024 09:02
MW-17	4L11008-08	Water	12/10/24 12:23	12-11-2024 09:02
MW-18	4L11008-09	Water	12/10/24 13:01	12-11-2024 09:02
MW-20	4L11008-10	Water	12/10/24 13:37	12-11-2024 09:02
MW-21	4L11008-11	Water	12/10/24 14:11	12-11-2024 09:02
MW-23	4L11008-12	Water	12/10/24 14:36	12-11-2024 09:02
MW-26	4L11008-13	Water	12/10/24 15:32	12-11-2024 09:02
MW-27	4L11008-14	Water	12/10/24 15:49	12-11-2024 09:02
MW-28	4L11008-15	Water	12/10/24 16:27	12-11-2024 09:02
RW-1	4L11008-16	Water	12/10/24 17:03	12-11-2024 09:02

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-1

4L11008-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 07:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 07:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 07:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 07:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 07:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.9 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 07:51*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 07:51*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-2

4L11008-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 08:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 08:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 08:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 08:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 08:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.8 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 08:13*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 08:13*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-3

4L11008-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.5 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 09:20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 09:20*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-10

4L11008-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:42	EPA 8021B	
Ethylbenzene	**0.00212**	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 09:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 09:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 09:42*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-12

4L11008-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:05	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.4 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:05*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-13

4L11008-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.1 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:28*	*EPA 8021B*	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-16

4L11008-07 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:51	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 10:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.6 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 10:51*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-17

4L11008-08 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:14	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.7 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:14*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:14*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-18

4L11008-09 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:36	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:36	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:36	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:36	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.0 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:36*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:36*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-20

4L11008-10 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 11:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*79.7 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:58*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 11:58*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-21

4L11008-11 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:20	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.7 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 12:20*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 12:20*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-23

4L11008-12 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:42	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1109	12/11/24 15:12	12/12/24 12:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*78.7 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 12:42*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1109*	*12/11/24 15:12*	*12/12/24 12:42*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-26

4L11008-13 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:04	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:04	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:04	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:04	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.2 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:04*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:04*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-27

4L11008-14 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:26	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.2 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:26*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:26*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-28

4L11008-15 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:49	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 19:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*80.2 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:49*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 19:49*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-1

4L11008-16 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00297**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 20:11	EPA 8021B	
Toluene	**0.00204**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 20:11	EPA 8021B	
Ethylbenzene	**0.00535**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 20:11	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 20:11	EPA 8021B	
Xylene (o)	**0.00339**	0.00100	mg/L	1	P4L1301	12/13/24 08:55	12/13/24 20:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*84.4 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 20:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P4L1301*	*12/13/24 08:55*	*12/13/24 20:11*	*EPA 8021B*	

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1109 - * DEFAULT PREP *** **										
Blank (P4L1109-BLK1)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0960*		*"*	*0.120*		*80.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
LCS (P4L1109-BS1)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.111	0.00100	mg/L	0.100		111	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0990*		*"*	*0.120*		*82.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
LCS Dup (P4L1109-BSD1)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	8.96	20	
Toluene	0.0966	0.00100	"	0.100		96.6	80-120	7.50	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120	7.25	20	
Xylene (p/m)	0.218	0.00200	"	0.200		109	80-120	6.76	20	
Xylene (o)	0.0964	0.00100	"	0.100		96.4	80-120	7.19	20	
Surrogate: 4-Bromofluorobenzene	*0.0989*		*"*	*0.120*		*82.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1109-CCB1)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.160		"							
Xylene (p/m)	0.270		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0909*		*"*	*0.120*		*75.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*99.6*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1109 - * DEFAULT PREP *** **										
Calibration Blank (P4L1109-CCB2)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.180		"							
Xylene (p/m)	0.240		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0926*		*"*	*0.120*		*77.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Check (P4L1109-CCV1)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.105	0.00100	mg/L	0.100		105	80-120			
Toluene	0.0998	0.00100	"	0.100		99.8	80-120			
Ethylbenzene	0.0992	0.00100	"	0.100		99.2	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.0989	0.00100	"	0.100		98.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0948*		*"*	*0.120*		*79.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1109-CCV2)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0993	0.00100	"	0.100		99.3	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		110	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0955*		*"*	*0.120*		*79.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Calibration Check (P4L1109-CCV3)				Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.0946	0.00100	mg/L	0.100		94.6	80-120			
Toluene	0.0885	0.00100	"	0.100		88.5	80-120			
Ethylbenzene	0.0873	0.00100	"	0.100		87.3	80-120			
Xylene (p/m)	0.193	0.00200	"	0.200		96.5	80-120			
Xylene (o)	0.0880	0.00100	"	0.100		88.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0976*		*"*	*0.120*		*81.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1109 - * DEFAULT PREP *** **										
Matrix Spike (P4L1109-MS1)	**Source: 4L11007-06**			Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.101	0.00100	mg/L	0.100	ND	101	80-120			
Toluene	0.0941	0.00100	"	0.100	ND	94.1	80-120			
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200	ND	104	80-120			
Xylene (o)	0.0920	0.00100	"	0.100	ND	92.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0968*		*"*	*0.120*		*80.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P4L1109-MSD1)	**Source: 4L11007-06**			Prepared: 12/11/24 Analyzed: 12/12/24						
Benzene	0.101	0.00100	mg/L	0.100	ND	101	80-120	0.326	20	
Toluene	0.0944	0.00100	"	0.100	ND	94.4	80-120	0.371	20	
Ethylbenzene	0.104	0.00100	"	0.100	ND	104	80-120	0.0766	20	
Xylene (p/m)	0.210	0.00200	"	0.200	ND	105	80-120	0.483	20	
Xylene (o)	0.0923	0.00100	"	0.100	ND	92.3	80-120	0.271	20	
Surrogate: 4-Bromofluorobenzene	*0.0983*		*"*	*0.120*		*81.9*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Batch P4L1301 - * DEFAULT PREP *** **										
Blank (P4L1301-BLK1)				Prepared & Analyzed: 12/13/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0934*		*"*	*0.120*		*77.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1301 - * DEFAULT PREP *** **										
LCS (P4L1301-BS1)				Prepared & Analyzed: 12/13/24						
Benzene	0.0946	0.00100	mg/L	0.100		94.6	80-120			
Toluene	0.0919	0.00100	"	0.100		91.9	80-120			
Ethylbenzene	0.0998	0.00100	"	0.100		99.8	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.6	80-120			
Xylene (o)	0.0889	0.00100	"	0.100		88.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0987*		*"*	*0.120*		*82.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
LCS Dup (P4L1301-BSD1)				Prepared & Analyzed: 12/13/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	6.27	20	
Toluene	0.0970	0.00100	"	0.100		97.0	80-120	5.44	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	5.74	20	
Xylene (p/m)	0.207	0.00200	"	0.200		103	80-120	4.64	20	
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120	5.34	20	
Surrogate: 4-Bromofluorobenzene	*0.0965*		*"*	*0.120*		*80.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1301-CCB1)				Prepared & Analyzed: 12/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.210		"							
Xylene (p/m)	0.470		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0926*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*80-120*			
Calibration Blank (P4L1301-CCB2)				Prepared & Analyzed: 12/13/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.260		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0924*		*"*	*0.120*		*77.0*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1301 - * DEFAULT PREP *** **										
Calibration Check (P4L1301-CCV1)				Prepared & Analyzed: 12/13/24						
Benzene	0.0948	0.00100	mg/L	0.100		94.8	80-120			
Toluene	0.0916	0.00100	"	0.100		91.6	80-120			
Ethylbenzene	0.0901	0.00100	"	0.100		90.1	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.1	80-120			
Xylene (o)	0.0884	0.00100	"	0.100		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0970*		"	*0.120*		*80.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Calibration Check (P4L1301-CCV2)				Prepared & Analyzed: 12/13/24						
Benzene	0.0964	0.00100	mg/L	0.100		96.4	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0888	0.00100	"	0.100		88.8	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		95.8	80-120			
Xylene (o)	0.0884	0.00100	"	0.100		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0966*		"	*0.120*		*80.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Calibration Check (P4L1301-CCV3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0958*		"	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Matrix Spike (P4L1301-MS1)	**Source: 4L11008-13**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0947	0.00100	mg/L	0.100	ND	94.7	80-120			
Toluene	0.0891	0.00100	"	0.100	ND	89.1	80-120			
Ethylbenzene	0.0969	0.00100	"	0.100	ND	96.9	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200	ND	95.0	80-120			
Xylene (o)	0.0845	0.00100	"	0.100	ND	84.5	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0949*		"	*0.120*		*79.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*109*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1301 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4L1301-MSD1)	**Source: 4L11008-13**			Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0885	0.00100	mg/L	0.100	ND	88.5	80-120	6.79	20	
Toluene	0.0823	0.00100	"	0.100	ND	82.3	80-120	7.87	20	
Ethylbenzene	0.0893	0.00100	"	0.100	ND	89.3	80-120	8.18	20	
Xylene (p/m)	0.177	0.00200	"	0.200	ND	88.6	80-120	6.98	20	
Xylene (o)	0.0782	0.00100	"	0.100	ND	78.2	80-120	7.82	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0968*		*"*	*0.120*		*80.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 12/17/2024

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

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If you have received this material in error, please notify us immediately at 432-686-7235.

Page 554 of 630

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:** _____
Sampler Signature: _____

Project Name: Plains Marketing, L.P.
Project #: TNM 97-17
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-17
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4L11008

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: / TOTAL: Total BTEX by 8260	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW1			12-9-24	1355		3	X		X						GW	X			
2	MW 2			12-9-24	1425															
3	MW 3			12-10-24	1028															
4	MW 10				1059															
5	MW 12				1117															
6	MW 13				1142															
7	MW 16				1205															
8	MW 17				1223															
9	MW 18				1301															
10																				

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	12-11-24	0902			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Teresa Bledsoe	12/11/24	9:02

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.1 °C Thermometor: NC3
Adjusted: 2.1 °C Factor:

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Page 555 of 630

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____ 207

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219
Sampler Signature: Manny Herrera

Project Name: Plains Marketing, L.P.
Project #: TNM 97-17
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-17
Fax No: _____
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4L111008

Analyze For:
TCLP:
TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Total BTEX by 8260	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
10	MW 20			12-10-24	1337		3	X		X						GW	X			
11	MW 21				1411															
12	MW 23				1436															
13	MW 26				1532															
14	MW 27				1549															
15	MW 28				1627															
16	RW 1				1703															

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	12-11-24	0902			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Teresa Bledsoe	12/11/24	9:02

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 2.1 °C Thermometer: NCF 03
Adjusted: _____ °C Factor:

Received by OCD: 11/6/2025 3:21:04 PM
Released to Imaging: 11/10/2025 10:38:58 AM

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17_MNA
Project Number: TNM 97-17
Location: Lea County, NM

Lab Order Number: 4L12006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/03/25

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	4L12006-01	Water	12/11/24 12:15	12-12-2024 08:13
MW-11	4L12006-02	Water	12/11/24 13:00	12-12-2024 08:13
MW-25	4L12006-03	Water	12/11/24 13:43	12-12-2024 08:13
MW-19	4L12006-04	Water	12/11/24 14:20	12-12-2024 08:13
RW-3	4L12006-05	Water	12/11/24 14:59	12-12-2024 08:13
MW-7	4L12006-06	Water	12/11/24 15:41	12-12-2024 08:13

TOC, Dissolved Iron and Manganese, RSK-175, and PAH analysis were subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-5

4L12006-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:28	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:28	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:28	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:28	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.9 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 11:28*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 11:28*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:03	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:03	8015M	SUB-13
Methane	**0.190**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 15:56	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**870**	20.0	mg/L	1	P4L2314	12/23/24 10:01	12/23/24 10:03	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 18:08	EPA 300.0	
Sulfate	**2010**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 12:06	EPA 300.0	
Total Organic Carbon	**19.5**	10.0	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 00:07	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:05	EPA 6020A	SUB-13
Manganese	**0.0166**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:05	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-11

4L12006-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:50	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:50	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:50	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:50	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 11:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.9 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 11:50*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 11:50*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:12	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:12	8015M	SUB-13
Methane	**0.00212**	0.000500	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:12	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**126**	2.00	mg/L	1	P4L2314	12/23/24 10:01	12/23/24 10:03	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 19:06	EPA 300.0	
Sulfate	**1890**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 12:26	EPA 300.0	
Total Organic Carbon	**14.8**	10.0	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 00:20	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:19	EPA 6020A	SUB-13
Manganese	**0.0219**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:19	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-25

4L12006-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:13	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.6 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:13*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:13*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:26	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:26	8015M	SUB-13
Methane	**0.0301**	0.000500	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:26	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**89.0**	2.00	mg/L	1	P4L2313	12/23/24 09:59	12/23/24 10:00	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 19:26	EPA 300.0	
Sulfate	**1940**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 12:45	EPA 300.0	
Total Organic Carbon	**21.0**	10.0	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 00:34	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:21	EPA 6020A	SUB-13
Manganese	**0.107**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:21	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-19

4L12006-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.114**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:35	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:35	EPA 8021B	
Ethylbenzene	**0.00354**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:35	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:35	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.5 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:35*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:35*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:35	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:35	8015M	SUB-13
Methane	**2.04**	0.0500	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 16:05	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**1860**	40.0	mg/L	1	P4L2314	12/23/24 10:01	12/23/24 10:03	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 19:45	EPA 300.0	
Sulfate	**954**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 13:04	EPA 300.0	
Total Organic Carbon	**183**	10.0	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 00:49	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:23	EPA 6020A	SUB-13
Manganese	**0.0127**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:23	EPA 6020A	SUB-13
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.0078**	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
2-Methylnaphthalene	**0.00083**	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Acenaphthylene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Fluorene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Naphthalene	**0.0015**	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Phenanthrene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P5A0302	12/24/24 00:00	12/26/24 23:16	8270C	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-3

4L12006-05 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.0398**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:58	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 12:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:58*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 12:58*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:44	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 11:44	8015M	SUB-13
Methane	**0.488**	0.0100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 16:13	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**970**	20.0	mg/L	1	P4L2314	12/23/24 10:01	12/23/24 10:03	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 20:04	EPA 300.0	
Sulfate	**2320**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 13:24	EPA 300.0	
Total Organic Carbon	**32.8**	10.0	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 01:03	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:26	EPA 6020A	SUB-13
Manganese	**0.0163**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:26	EPA 6020A	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-7

4L12006-06 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.218**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:21	EPA 8021B	
Toluene	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:21	EPA 8021B	
Ethylbenzene	**0.00791**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:21	EPA 8021B	
Xylene (p/m)	**0.00313**	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*74.5 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 13:21*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 13:21*	*EPA 8021B*	
Ethane	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 12:00	8015M	SUB-13
Ethene	ND	0.00100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 12:00	8015M	SUB-13
Methane	**0.379**	0.0100	mg/L	1	P4L3106	12/18/24 00:00	12/19/24 16:21	8015M	SUB-13
General Chemistry Parameters by EPA / Standard Methods									
Chemical Oxygen Demand	**770**	20.0	mg/L	1	P4L2314	12/23/24 10:01	12/23/24 10:03	8000	
Nitrate as N	ND	0.200	mg/L	1	P4L1209	12/12/24 09:31	12/12/24 20:24	EPA 300.0	
Sulfate	**2140**	25.0	mg/L	25	P4L1209	12/12/24 09:31	12/13/24 13:43	EPA 300.0	
Total Organic Carbon	**27.9**	10.0	mg/L	1	P4L3106	12/19/24 02:07	12/19/24 02:07	EPA 415.1	SUB-13
Dissolved Metals by EPA / Standard Methods									
Iron	ND	0.200	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:28	EPA 6020A	SUB-13
Manganese	**0.0103**	0.00500	mg/L	1	P4L3106	12/18/24 00:00	12/20/24 01:28	EPA 6020A	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Blank (P4L1302-BLK1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0915*		*"*	*0.120*		*76.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
LCS (P4L1302-BS1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0940	0.00100	"	0.100		94.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0955*		*"*	*0.120*		*79.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*110*	*80-120*			
LCS Dup (P4L1302-BSD1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	0.900	20	
Toluene	0.0978	0.00100	"	0.100		97.8	80-120	0.523	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	0.927	20	
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120	1.35	20	
Xylene (o)	0.0950	0.00100	"	0.100		95.0	80-120	1.04	20	
Surrogate: 4-Bromofluorobenzene	*0.0972*		*"*	*0.120*		*81.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1302-CCB1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Calibration Blank (P4L1302-CCB2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0921*		*"*	*0.120*		*76.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Blank (P4L1302-CCB3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Check (P4L1302-CCV1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0958*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1302-CCV2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.0934	0.00100	"	0.100		93.4	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0966*		*"*	*0.120*		*80.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Calibration Check (P4L1302-CCV3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0928*		"	*0.120*		*77.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Matrix Spike (P4L1302-MS1)		**Source: 4L11016-08**		Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0951	0.00100	mg/L	0.100	ND	95.1	80-120			
Toluene	0.0870	0.00100	"	0.100	ND	87.0	80-120			
Ethylbenzene	0.0956	0.00100	"	0.100	ND	95.6	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200	ND	93.3	80-120			
Xylene (o)	0.0840	0.00100	"	0.100	ND	84.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0957*		"	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P4L1302-MSD1)		**Source: 4L11016-08**		Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0911	0.00100	mg/L	0.100	ND	91.1	80-120	4.31	20	
Toluene	0.0848	0.00100	"	0.100	ND	84.8	80-120	2.60	20	
Ethylbenzene	0.0930	0.00100	"	0.100	ND	93.0	80-120	2.82	20	
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.7	80-120	2.82	20	
Xylene (o)	0.0813	0.00100	"	0.100	ND	81.3	80-120	3.30	20	
Surrogate: 4-Bromofluorobenzene	*0.0943*		"	*0.120*		*78.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1209 - * DEFAULT PREP *** **										
Blank (P4L1209-BLK1)				Prepared & Analyzed: 12/12/24						
Sulfate	ND	1.00	mg/L							
Nitrate as N	ND	0.200	"							
LCS (P4L1209-BS1)				Prepared & Analyzed: 12/12/24						
Nitrate as N	18.9		mg/L	20.0		94.3	90-110			
Sulfate	18.8		"	20.0		94.2	90-110			
LCS Dup (P4L1209-BSD1)				Prepared & Analyzed: 12/12/24						
Sulfate	18.8		mg/L	20.0		94.1	90-110	0.0796	10	
Nitrate as N	18.9		"	20.0		94.5	90-110	0.207	10	
Calibration Check (P4L1209-CCV1)				Prepared & Analyzed: 12/12/24						
Sulfate	18.6		mg/L	20.0		92.9	90-110			
Nitrate as N	18.9		"	20.0		94.5	90-110			
Calibration Check (P4L1209-CCV2)				Prepared & Analyzed: 12/12/24						
Sulfate	21.7		mg/L	20.0		109	90-110			
Nitrate as N	18.9		"	20.0		94.7	90-110			
Matrix Spike (P4L1209-MS1)		**Source: 4L12006-01**		Prepared & Analyzed: 12/12/24						
Nitrate as N	18.9		mg/L	20.0	0.0570	94.2	80-120			
Matrix Spike Dup (P4L1209-MSD1)		**Source: 4L12006-01**		Prepared & Analyzed: 12/12/24						
Nitrate as N	19.3		mg/L	20.0	0.0570	96.0	80-120	1.90	20	
Batch P4L2313 - * DEFAULT PREP *** **										
Blank (P4L2313-BLK1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	ND	2.00	mg/L							

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L2313 - * DEFAULT PREP *** **										
LCS (P4L2313-BS1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	56.0	2.00	mg/L	50.0		112	80-120			
LCS Dup (P4L2313-BSD1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	50.0	2.00	mg/L	50.0		100	80-120	11.3	20	
Batch P4L2314 - * DEFAULT PREP *** **										
Blank (P4L2314-BLK1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	ND	2.00	mg/L							
LCS (P4L2314-BS1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	1140	2.00	mg/L	1000		114	80-120			
LCS Dup (P4L2314-BSD1)				Prepared & Analyzed: 12/23/24						
Chemical Oxygen Demand	1070	2.00	mg/L	1000		107	80-120	6.62	20	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/3/2025

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17_MNA
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Page 571 of 630

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:**
Sampler Signature:

Project Name: Plains Marketing, L.P.
Project #: TNM 97-17
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-17
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4L12006

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: Total BTEX by 8260	PAH by 8270	TOC by 415.1	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010B	Nitrate and Sulface by E300	COD by SM 5220	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 5			12/11/24	1215		9	X	1	6	2					GW	X		X	X	X	X			
2	MW 11			12/11/24	1300		9																		
3	MW 25				1343		9																		
4	MW 19				1420		11											X							
5	~~XXXXX~~ RW 3				1459		9																		
6	MW 7				1541		9																		

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	12-12-24	0825			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				12/12/24	8:43

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 3.1 °C Thermometer: NF 3
Adjusted: °C Factor:

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 1 LITER UNPRESSERVED	125 ml. amber boston rounds	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	TOC-415.1	Mn DISS ICP-MS 6020A	Fe DISS ICP-MS 6020A	8270C PAH LL	24 Hour Rush	STANDARD
	4L12006-01			12/11/2024	12:15	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-02			12/11/2024	13:00	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-03			12/11/2024	13:43	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-04			12/11/2024	14:20	Y	7	X	X	X	X				X	W	X	X	X	X	X		X
	4L12006-05			12/11/2024	14:59	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-06			12/11/2024	15:41	Y	5	X	X	X	X					W	X	X	X	X			X

Please add tressa@pbelab.com to woa's.

Relinquished by: Brent Barron	12/12/2024	17:00	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

Page 572 of 630

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 30, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24120848**

Laboratory Results for: **4L12006**

Dear Brent Barron,

ALS Environmental received 6 sample(s) on Dec 13, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Jessica Monfore
Project manager

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Work Order: HS24120848

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24120848-01	4L12006-01	Water		11-Dec-2024 12:15	13-Dec-2024 09:30	☐
HS24120848-02	4L12006-02	Water		11-Dec-2024 13:00	13-Dec-2024 09:30	☐
HS24120848-03	4L12006-03	Water		11-Dec-2024 13:43	13-Dec-2024 09:30	☐
HS24120848-04	4L12006-04	Water		11-Dec-2024 14:20	13-Dec-2024 09:30	☐
HS24120848-05	4L12006-05	Water		11-Dec-2024 14:59	13-Dec-2024 09:30	☐
HS24120848-06	4L12006-06	Water		11-Dec-2024 15:41	13-Dec-2024 09:30	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4L12006
Work Order: HS24120848

GC Semivolatiles by Method RSK-175

Batch ID: R502796

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method SW8270

Batch ID: 221915

Sample ID: 4L12006-04 (HS24120848-04)

- One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

Sample ID: LCSD-221915

- The RPD between the LCS and LCSD was outside of the control limit.

Metals by Method SW6020A

Batch ID: 222051

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

WetChemistry by Method E415.1

Batch ID: R502759

Sample ID: HS24120471-01MS

- MS is for an unrelated sample

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-01
Collection Date: 11-Dec-2024 12:15

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 11:03
Ethene	ND		1.00	ug/L	1	19-Dec-2024 11:03
Methane	**190**		**5.00**	**ug/L**	10	19-Dec-2024 15:56
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:05
Manganese	**0.0166**		**0.00500**	**mg/L**	1	20-Dec-2024 01:05
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**19.5**		**10.0**	**mg/L**	10	19-Dec-2024 00:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-02
Collection Date: 11-Dec-2024 13:00

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 11:12
Ethene	ND		1.00	ug/L	1	19-Dec-2024 11:12
Methane	**2.12**		**0.500**	**ug/L**	1	19-Dec-2024 11:12
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:19
Manganese	**0.0219**		**0.00500**	**mg/L**	1	20-Dec-2024 01:19
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**14.8**		**10.0**	**mg/L**	10	19-Dec-2024 00:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-03
Collection Date: 11-Dec-2024 13:43

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 11:26
Ethene	ND		1.00	ug/L	1	19-Dec-2024 11:26
Methane	**30.1**		**0.500**	**ug/L**	1	19-Dec-2024 11:26
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:21
Manganese	**0.107**		**0.00500**	**mg/L**	1	20-Dec-2024 01:21
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**21.0**		**10.0**	**mg/L**	10	19-Dec-2024 00:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-04
Collection Date: 11-Dec-2024 14:20

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D		**Method:SW8270**		Prep:SW3510 / 17-Dec-2024		Analyst: IT
1-Methylnaphthalene	**7.79**	n	**0.0833**	**ug/L**	1	26-Dec-2024 23:16
2-Methylnaphthalene	**0.831**		**0.0833**	**ug/L**	1	26-Dec-2024 23:16
Acenaphthene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Acenaphthylene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Anthracene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Benz(a)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Benzo(a)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Chrysene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Fluorene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Naphthalene	**1.51**		**0.0833**	**ug/L**	1	26-Dec-2024 23:16
Phenanthrene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Pyrene	ND		0.0833	ug/L	1	26-Dec-2024 23:16
Surr: 2-Fluorobiphenyl	*48.2*		*40-125*	*%REC*	*1*	*26-Dec-2024 23:16*
Surr: 4-Terphenyl-d14	*69.9*		*40-135*	*%REC*	*1*	*26-Dec-2024 23:16*
Surr: Nitrobenzene-d5	*70.3*		*41-120*	*%REC*	*1*	*26-Dec-2024 23:16*
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 11:35
Ethene	ND		1.00	ug/L	1	19-Dec-2024 11:35
Methane	**2,040**		**50.0**	**ug/L**	100	19-Dec-2024 16:05
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:23
Manganese	**0.0127**		**0.00500**	**mg/L**	1	20-Dec-2024 01:23
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**183**		**10.0**	**mg/L**	10	19-Dec-2024 00:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-05
Collection Date: 11-Dec-2024 14:59

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-05
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 11:44
Ethene	ND		1.00	ug/L	1	19-Dec-2024 11:44
Methane	**488**		**10.0**	**ug/L**	20	19-Dec-2024 16:13
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:26
Manganese	**0.0163**		**0.00500**	**mg/L**	1	20-Dec-2024 01:26
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**32.8**		**10.0**	**mg/L**	10	19-Dec-2024 01:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
Sample ID: 4L12006-06
Collection Date: 11-Dec-2024 15:41

ANALYTICAL REPORT
WorkOrder:HS24120848
Lab ID:HS24120848-06
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
DISSOLVED GASES BY RSK-175		**Method:RSK-175**				Analyst: RG
Ethane	ND		1.00	ug/L	1	19-Dec-2024 12:00
Ethene	ND		1.00	ug/L	1	19-Dec-2024 12:00
Methane	**379**		**10.0**	**ug/L**	20	19-Dec-2024 16:21
DISSOLVED METALS BY SW6020A		**Method:SW6020A (dissolved)**		Prep:SW3010A / 19-Dec-2024		Analyst: JC
Iron	ND		0.200	mg/L	1	20-Dec-2024 01:28
Manganese	**0.0103**		**0.00500**	**mg/L**	1	20-Dec-2024 01:28
TOTAL ORGANIC CARBON BY E415.1		**Method:E415.1**				Analyst: JAC
Organic Carbon, Total	**27.9**		**10.0**	**mg/L**	10	19-Dec-2024 02:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 30-Dec-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

Batch ID: 221915 **Start Date:** 17 Dec 2024 06:30 **End Date:** 17 Dec 2024 06:30
Method: SV AQ SEP FUNNEL ULTRA LVI **Prep Code:** 3510C_MIN_W

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24120848-04		120	1 (mL)	0.008333	125 mL amber glass, Neat

Batch ID: 222051 **Start Date:** 19 Dec 2024 11:00 **End Date:** 19 Dec 2024 11:00
Method: DISS METALS PREP - WATER - SW3010A **Prep Code:** 3010A DISS

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24120848-01		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24120848-02		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24120848-03		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24120848-04		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24120848-05		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2
HS24120848-06		10 (mL)	10 (mL)	1	250 mL plastic, HNO3 to pH <2

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 221915 (0)	**Test Name :** ULTRA LVI SEMIVOLATILES BY 8270D				**Matrix:** Water	
HS24120848-04	4L12006-04	11 Dec 2024 14:20		17 Dec 2024 06:30	26 Dec 2024 23:16	1
Batch ID: 222051 (0)	**Test Name :** DISSOLVED METALS BY SW6020A				**Matrix:** Water	
HS24120848-01	4L12006-01	11 Dec 2024 12:15		19 Dec 2024 11:00	20 Dec 2024 01:05	1
HS24120848-02	4L12006-02	11 Dec 2024 13:00		19 Dec 2024 11:00	20 Dec 2024 01:19	1
HS24120848-03	4L12006-03	11 Dec 2024 13:43		19 Dec 2024 11:00	20 Dec 2024 01:21	1
HS24120848-04	4L12006-04	11 Dec 2024 14:20		19 Dec 2024 11:00	20 Dec 2024 01:23	1
HS24120848-05	4L12006-05	11 Dec 2024 14:59		19 Dec 2024 11:00	20 Dec 2024 01:26	1
HS24120848-06	4L12006-06	11 Dec 2024 15:41		19 Dec 2024 11:00	20 Dec 2024 01:28	1
Batch ID: R502759 (0)	**Test Name :** TOTAL ORGANIC CARBON BY E415.1				**Matrix:** Water	
HS24120848-01	4L12006-01	11 Dec 2024 12:15			19 Dec 2024 00:07	10
HS24120848-02	4L12006-02	11 Dec 2024 13:00			19 Dec 2024 00:20	10
HS24120848-03	4L12006-03	11 Dec 2024 13:43			19 Dec 2024 00:34	10
HS24120848-04	4L12006-04	11 Dec 2024 14:20			19 Dec 2024 00:49	10
HS24120848-05	4L12006-05	11 Dec 2024 14:59			19 Dec 2024 01:03	10
HS24120848-06	4L12006-06	11 Dec 2024 15:41			19 Dec 2024 02:07	10
Batch ID: R502796 (0)	**Test Name :** DISSOLVED GASES BY RSK-175				**Matrix:** Water	
HS24120848-01	4L12006-01	11 Dec 2024 12:15			19 Dec 2024 15:56	10
HS24120848-01	4L12006-01	11 Dec 2024 12:15			19 Dec 2024 11:03	1
HS24120848-02	4L12006-02	11 Dec 2024 13:00			19 Dec 2024 11:12	1
HS24120848-03	4L12006-03	11 Dec 2024 13:43			19 Dec 2024 11:26	1
HS24120848-04	4L12006-04	11 Dec 2024 14:20			19 Dec 2024 16:05	100
HS24120848-04	4L12006-04	11 Dec 2024 14:20			19 Dec 2024 11:35	1
HS24120848-05	4L12006-05	11 Dec 2024 14:59			19 Dec 2024 16:13	20
HS24120848-05	4L12006-05	11 Dec 2024 14:59			19 Dec 2024 11:44	1
HS24120848-06	4L12006-06	11 Dec 2024 15:41			19 Dec 2024 16:21	20
HS24120848-06	4L12006-06	11 Dec 2024 15:41			19 Dec 2024 12:00	1

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: R502796 (0) **Instrument:** FID-4 **Method:** DISSOLVED GASES BY RSK-175

MBLK Sample ID: **MBLK-241219** Units: **ug/L** Analysis Date: **19-Dec-2024 10:08**
Client ID: Run ID: **FID-4_502796** SeqNo: **8599988** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	ND	1.00								
Ethene	ND	1.00								
Methane	ND	0.500								

LCS Sample ID: **LCS-241219** Units: **ug/L** Analysis Date: **19-Dec-2024 10:17**
Client ID: Run ID: **FID-4_502796** SeqNo: **8599989** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.98	1.00	18.04	0	88.6	75 - 125				
Ethene	13.62	1.00	16.8	0	81.1	75 - 125				
Methane	8.995	0.500	9.647	0	93.2	75 - 125				

LCSD Sample ID: **LCSD-241219** Units: **ug/L** Analysis Date: **19-Dec-2024 10:26**
Client ID: Run ID: **FID-4_502796** SeqNo: **8599990** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Ethane	15.63	1.00	18.04	0	86.6	75 - 125	15.98	2.25	30	
Ethene	13.24	1.00	16.8	0	78.8	75 - 125	13.62	2.88	30	
Methane	8.728	0.500	9.647	0	90.5	75 - 125	8.995	3.01	30	

The following samples were analyzed in this batch: HS24120848-01 HS24120848-02 HS24120848-03 HS24120848-04 HS24120848-05 HS24120848-06

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: 222051 (0) **Instrument: ICPMS06** **Method: DISSOLVED METALS BY SW6020A (DISSOLVED)**

MBLK Sample ID: **MBLK-222051** Units: **mg/L** Analysis Date: **20-Dec-2024 01:01**
Client ID: Run ID: **ICPMS06_502787** SeqNo: **8601363** PrepDate: **19-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	ND	0.200								
Manganese	ND	0.00500								

LCS Sample ID: **LCS-222051** Units: **mg/L** Analysis Date: **20-Dec-2024 01:03**
Client ID: Run ID: **ICPMS06_502787** SeqNo: **8601364** PrepDate: **19-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	4.73	0.200	5	0	94.6	80 - 120				
Manganese	0.046	0.00500	0.05	0	92.0	80 - 120				

MS Sample ID: **HS24120848-01MS** Units: **mg/L** Analysis Date: **20-Dec-2024 01:09**
Client ID: **4L12006-01** Run ID: **ICPMS06_502787** SeqNo: **8601367** PrepDate: **19-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.268	0.200	5	0.01822	105	75 - 125				
Manganese	0.06959	0.00500	0.05	0.01664	106	75 - 125				

MSD Sample ID: **HS24120848-01MSD** Units: **mg/L** Analysis Date: **20-Dec-2024 01:11**
Client ID: **4L12006-01** Run ID: **ICPMS06_502787** SeqNo: **8601368** PrepDate: **19-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	5.387	0.200	5	0.01822	107	75 - 125	5.268	2.23	20	
Manganese	0.0722	0.00500	0.05	0.01664	111	75 - 125	0.06959	3.68	20	

PDS Sample ID: **HS24120848-01PDS** Units: **mg/L** Analysis Date: **20-Dec-2024 01:13**
Client ID: **4L12006-01** Run ID: **ICPMS06_502787** SeqNo: **8601369** PrepDate: **19-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Iron	10.07	0.200	10	0.01822	101	75 - 125				
Manganese	0.1165	0.00500	0.1	0.01664	99.8	75 - 125				

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: 222051 (0) **Instrument:** ICPMS06 **Method:** DISSOLVED METALS BY SW6020A (DISSOLVED)

SD Sample ID: **HS24120848-01SD** Units: **mg/L** Analysis Date: **20-Dec-2024 01:07**
Client ID: **4L12006-01** Run ID: **ICPMS06_502787** SeqNo: **8601366** PrepDate: **19-Dec-2024** DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual
Iron	ND	1.00					0.01822	0	10	
Manganese	0.01558	0.0250					0.01664	0	10	J

The following samples were analyzed in this batch: HS24120848-01 HS24120848-02 HS24120848-03 HS24120848-04 HS24120848-05 HS24120848-06

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-221915** Units: **ug/L** Analysis Date: **19-Dec-2024 17:21**
Client ID: Run ID: **SV-11_502954** SeqNo: **8603697** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	*3.825*	*0*	*5*	*0*	*76.5*	*40 - 125*			
Surr: 4-Terphenyl-d14	*4.334*	*0*	*5*	*0*	*86.7*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.493*	*0*	*5*	*0*	*69.9*	*41 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-221915** Units: **ug/L** Analysis Date: **26-Dec-2024 21:04**
Client ID: Run ID: **SV-11_503307** SeqNo: **8612336** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	3.341	0.100	5	0	66.8	45 - 120			
2-Methylnaphthalene	3.304	0.100	5	0	66.1	50 - 120			
Acenaphthene	3.383	0.100	5	0	67.7	47 - 145			
Acenaphthylene	3.091	0.100	5	0	61.8	47 - 120			
Anthracene	3.283	0.100	5	0	65.7	45 - 120			
Benz(a)anthracene	3.335	0.100	5	0	66.7	40 - 120			
Benzo(a)pyrene	3.507	0.100	5	0	70.1	42 - 127			
Benzo(b)fluoranthene	3.742	0.100	5	0	74.8	50 - 120			
Benzo(g,h,i)perylene	3.336	0.100	5	0	66.7	42 - 127			
Benzo(k)fluoranthene	3.426	0.100	5	0	68.5	50 - 120			
Chrysene	3.875	0.100	5	0	77.5	43 - 120			
Dibenz(a,h)anthracene	3.592	0.100	5	0	71.8	35 - 125			
Fluoranthene	3.453	0.100	5	0	69.1	45 - 125			
Fluorene	3.286	0.100	5	0	65.7	59 - 121			
Indeno(1,2,3-cd)pyrene	3.643	0.100	5	0	72.9	41 - 128			
Naphthalene	3.395	0.100	5	0	67.9	50 - 150			
Phenanthrene	3.586	0.100	5	0	71.7	54 - 120			
Pyrene	3.513	0.100	5	0	70.3	40 - 130			
Surr: 2-Fluorobiphenyl	*6.173*	*0*	*5*	*0*	*123*	*40 - 125*			
Surr: 4-Terphenyl-d14	*6.428*	*0*	*5*	*0*	*129*	*40 - 135*			
Surr: Nitrobenzene-d5	*5.22*	*0*	*5*	*0*	*104*	*41 - 120*			

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCSD Sample ID: **LCSD-221915** Units: **ug/L** Analysis Date: **26-Dec-2024 21:23**
Client ID: Run ID: **SV-11_503307** SeqNo: **8612337** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.519	0.100	5	0	70.4	45 - 125	3.341	5.18	20	
2-Methylnaphthalene	3.583	0.100	5	0	71.7	50 - 120	3.304	8.1	20	
Acenaphthene	3.849	0.100	5	0	77.0	47 - 145	3.383	12.9	20	
Acenaphthylene	3.499	0.100	5	0	70.0	47 - 120	3.091	12.4	20	
Anthracene	3.581	0.100	5	0	71.6	45 - 120	3.283	8.7	20	
Benz(a)anthracene	3.686	0.100	5	0	73.7	40 - 120	3.335	9.99	20	
Benzo(a)pyrene	3.601	0.100	5	0	72.0	42 - 127	3.507	2.65	20	
Benzo(b)fluoranthene	3.804	0.100	5	0	76.1	50 - 120	3.742	1.63	20	
Benzo(g,h,i)perylene	3.639	0.100	5	0	72.8	42 - 127	3.336	8.68	20	
Benzo(k)fluoranthene	3.507	0.100	5	0	70.1	50 - 120	3.426	2.34	20	
Chrysene	4.071	0.100	5	0	81.4	43 - 120	3.875	4.95	20	
Dibenz(a,h)anthracene	3.442	0.100	5	0	68.8	35 - 125	3.592	4.28	20	
Fluoranthene	3.694	0.100	5	0	73.9	45 - 125	3.453	6.74	20	
Fluorene	3.652	0.100	5	0	73.0	59 - 121	3.286	10.6	20	
Indeno(1,2,3-cd)pyrene	3.698	0.100	5	0	74.0	41 - 128	3.643	1.5	20	
Naphthalene	3.648	0.100	5	0	73.0	50 - 150	3.395	7.19	20	
Phenanthrene	3.935	0.100	5	0	78.7	54 - 120	3.586	9.29	20	
Pyrene	3.859	0.100	5	0	77.2	40 - 130	3.513	9.4	20	
Surr: 2-Fluorobiphenyl	*4.052*	*0*	*5*	*0*	*81.0*	*40 - 125*	*6.173*	*41.5*	*20*	R
Surr: 4-Terphenyl-d14	*4.275*	*0*	*5*	*0*	*85.5*	*40 - 135*	*6.428*	*40.2*	*20*	R
Surr: Nitrobenzene-d5	*3.669*	*0*	*5*	*0*	*73.4*	*41 - 120*	*5.22*	*34.9*	*20*	R

The following samples were analyzed in this batch: HS24120848-04

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QC BATCH REPORT

Batch ID: R502759 (0) **Instrument: TOC_05** **Method: TOTAL ORGANIC CARBON BY E415.1**

MBLK Sample ID: **MBLK-12182024** Units: **mg/L** Analysis Date: **18-Dec-2024 22:41**
Client ID: Run ID: **TOC_05_502759** SeqNo: **8599352** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	ND	1.00								

LCS Sample ID: **LCS-12182024** Units: **mg/L** Analysis Date: **18-Dec-2024 22:56**
Client ID: Run ID: **TOC_05_502759** SeqNo: **8599353** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.84	1.00	10	0	108	85 - 115				

LCSD Sample ID: **LCSD-12182024** Units: **mg/L** Analysis Date: **18-Dec-2024 23:11**
Client ID: Run ID: **TOC_05_502759** SeqNo: **8599354** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	10.53	1.00	10	0	105	85 - 115	10.84	2.9	20	

MS Sample ID: **HS24120471-01MS** Units: **mg/L** Analysis Date: **19-Dec-2024 02:52**
Client ID: Run ID: **TOC_05_502759** SeqNo: **8599366** PrepDate: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Organic Carbon, Total	78.18	1.00	10	16.96	612	80 - 120				SE

The following samples were analyzed in this batch: HS24120848-01 HS24120848-02 HS24120848-03 HS24120848-04 HS24120848-05 HS24120848-06

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12006
WorkOrder: HS24120848

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Sample Receipt Checklist

Work Order ID: HS24120848 **Date/Time Received:** 13-Dec-2024 09:30

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By:	/S/ Travis Appling	13-Dec-2024 19:41	**Reviewed by:**	/S/ salina zaid	19-Dec-2024 17:35
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	

Temperature(s)/Thermometer(s):	2.4UC/ 2.4C	IR34
Cooler(s)/Kit(s):	Red	
Date/Time sample(s) sent to storage:	12/13/2024 19:43	

Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

HS24120848

Permian Basin Environmental Lab, LP

4L12006

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Project Manager: Brent Barron

Company Name: PBEL

Company Address: 1400 Rankin HWY

City/State/Zip: Midland Texas 79701

Telephone No: 432-661-4184 Fax No:

Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:

Project Loc:

PO #:

Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 1 LITER UNPRESERVED	125 ml. amber boston rounds	Matrix: DW-Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: RSK SOP-175	TOC-415.1	Mn DISS ICP-MS 6020A	Fe DISS ICP-MS 6020A	8270C PAH LL	24 Hour Rush	STANDARD
	4L12006-01			12/11/2024	12:15	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-02			12/11/2024	13:00	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-03			12/11/2024	13:43	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-04			12/11/2024	14:20	Y	7	X	X	X	X				X	W	X	X	X	X	X		X
	4L12006-05			12/11/2024	14:59	Y	5	X	X	X	X					W	X	X	X	X			X
	4L12006-06			12/11/2024	15:41	Y	5	X	X	X	X					W	X	X	X	X			X

Please add tressa@pbelab.com to woa's.

Relinquished by: Brent Barron	12/12/2024	17:00	Received by:	Date 12/13/24	Time 0930
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

cc Rcd 2.4

RIGHT SOLUTIONS | RIGHT PARTNER

Page 594 of 630

Released to Imaging: 11/10/2025 10:38:58 AM

Received by OCD: 11/6/2025 3:21:04 PM

ORIGIN ID:MAFA (432) 686-7235
TERESSA BEDROE
PERMIAN BASIN ENVIRONMENTAL LAB, LP
1400 RANKIN HWY
MIDLAND, TX 79701
UNITED STATES US

SHIP DATE: 12DEC24
ACTWGT: 10.00 LB
CAD: 104594611/INET4535
DIMS: 15x17x9 IN

BILL RECIPIENT

TO **SAMPLE RECEIVING**
ALS-HOUSTON
10450 STANCLIFF RD
HOUSTON TX 77099
(281) 530-5615

INV:
PO:
REF:
DEPT:

58CJ4/EB78/C6C4

J244024091101uv

FedEx Express

FRI - 13 DEC 5:00P
STANDARD OVERNIGHT

TRK# 7707 1790 0050
0201

AB SGRA

77099
TX-US IAH

After printing this label:
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1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

RIGHT SOLUTIONS | RIGHT PARTNER

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Jonathan Repman
TRC Solutions- Midland, Texas
10 Desta Dr STE 150E
Midland, TX 79705

Project: 97-17
Project Number: TNM 97-17
Location: Lea County New Mexico

Lab Order Number: 4L12007

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 01/03/25

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	4L12007-01	Water	12/11/24 16:07	12-12-2024 08:43
RW-5	4L12007-02	Water	12/11/24 16:36	12-12-2024 08:43
MW-15	4L12007-03	Water	12/11/24 17:03	12-12-2024 08:43
RW-6	4L12007-04	Water	12/11/24 17:29	12-12-2024 08:43

PAH analysis was subcontracted to ALS Houston. Their report is attached after the Chain of Custody. Their TCEQ TNI certification number can be found here:
https://www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/labs/als_svcs_houston.pdf

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-4

4L12007-01 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**1.86**	0.0100	mg/L	10	P4L1302	12/13/24 09:01	12/16/24 10:46	EPA 8021B	
Toluene	**0.00526**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:43	EPA 8021B	
Ethylbenzene	**0.0600**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:43	EPA 8021B	
Xylene (p/m)	**0.0849**	0.00200	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:43	EPA 8021B	
Xylene (o)	**0.0105**	0.00100	mg/L	1	P4L1302	12/13/24 09:01	12/14/24 13:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*77.0 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 13:43*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*111 %*	*80-120*		*P4L1302*	*12/13/24 09:01*	*12/14/24 13:43*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.016**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
2-Methylnaphthalene	**0.0045**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Acenaphthylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Fluorene	**0.00090**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Naphthalene	**0.016**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Phenanthrene	**0.0011**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-5

4L12007-02 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.304**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 16:44	EPA 8021B	
Toluene	**0.00159**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 16:44	EPA 8021B	
Ethylbenzene	**0.0244**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 16:44	EPA 8021B	
Xylene (p/m)	**0.0386**	0.00200	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 16:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 16:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*73.2 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 16:44*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 16:44*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.030**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
2-Methylnaphthalene	**0.0094**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Acenaphthylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Fluorene	**0.0027**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Naphthalene	**0.0094**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Phenanthrene	**0.0058**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:38	8270C	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

MW-15

4L12007-03 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.00630**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:06	EPA 8021B	
Toluene	**0.0170**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:06	EPA 8021B	
Ethylbenzene	**0.0578**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:06	EPA 8021B	
Xylene (p/m)	**0.0187**	0.00200	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:06	EPA 8021B	
Xylene (o)	**0.0314**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*83.8 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 17:06*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*97.4 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 17:06*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.047**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
2-Methylnaphthalene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Acenaphthylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Chrysene	**0.0057**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Fluorene	**0.011**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Naphthalene	**0.0021**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Phenanthrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/19/24 20:35	8270C	SUB-13

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

RW-6

4L12007-04 (Water)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	**0.120**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:28	EPA 8021B	
Toluene	**0.00693**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:28	EPA 8021B	
Ethylbenzene	**0.00991**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:28	EPA 8021B	
Xylene (p/m)	**0.0104**	0.00200	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:28	EPA 8021B	
Xylene (o)	**0.00600**	0.00100	mg/L	1	P4L1312	12/13/24 15:21	12/14/24 17:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*81.6 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 17:28*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*99.8 %*	*80-120*		*P4L1312*	*12/13/24 15:21*	*12/14/24 17:28*	*EPA 8021B*	
PAH compounds by Semivolatile GCMS									
1-Methylnaphthalene	**0.024**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:19	8270C	SUB-13
2-Methylnaphthalene	**0.0011**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Acenaphthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Acenaphthylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Benzo (a) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Benzo (a) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Benzo (b) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Benzo (g,h,i) perylene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Benzo (k) fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Chrysene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Dibenzo (a,h) anthracene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Dibenzofuran	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Fluoranthene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Fluorene	**0.0016**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Indeno (1,2,3-cd) pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Naphthalene	**0.0047**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Phenanthrene	**0.0030**	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13
Pyrene	ND	0.000083	mg/L	1	P5A0305	12/18/24 00:00	12/26/24 22:57	8270C	SUB-13

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Blank (P4L1302-BLK1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0915*		*"*	*0.120*		*76.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*103*	*80-120*			
LCS (P4L1302-BS1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.206	0.00200	"	0.200		103	80-120			
Xylene (o)	0.0940	0.00100	"	0.100		94.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0955*		*"*	*0.120*		*79.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*110*	*80-120*			
LCS Dup (P4L1302-BSD1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.104	0.00100	mg/L	0.100		104	80-120	0.900	20	
Toluene	0.0978	0.00100	"	0.100		97.8	80-120	0.523	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	80-120	0.927	20	
Xylene (p/m)	0.209	0.00200	"	0.200		105	80-120	1.35	20	
Xylene (o)	0.0950	0.00100	"	0.100		95.0	80-120	1.04	20	
Surrogate: 4-Bromofluorobenzene	*0.0972*		*"*	*0.120*		*81.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.133*		*"*	*0.120*		*111*	*80-120*			
Calibration Blank (P4L1302-CCB1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Calibration Blank (P4L1302-CCB2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.280		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0921*		*"*	*0.120*		*76.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Blank (P4L1302-CCB3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.150		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.330		"							
Xylene (p/m)	0.490		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0925*		*"*	*0.120*		*77.1*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			
Calibration Check (P4L1302-CCV1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.103	0.00100	mg/L	0.100		103	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0941	0.00100	"	0.100		94.1	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0946	0.00100	"	0.100		94.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0958*		*"*	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			
Calibration Check (P4L1302-CCV2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0983	0.00100	mg/L	0.100		98.3	80-120			
Toluene	0.0934	0.00100	"	0.100		93.4	80-120			
Ethylbenzene	0.0913	0.00100	"	0.100		91.3	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.7	80-120			
Xylene (o)	0.0921	0.00100	"	0.100		92.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0966*		*"*	*0.120*		*80.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1302 - * DEFAULT PREP *** **										
Calibration Check (P4L1302-CCV3)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0928*		"	*0.120*		*77.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Matrix Spike (P4L1302-MS1)		**Source: 4L11016-08**		Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0951	0.00100	mg/L	0.100	ND	95.1	80-120			
Toluene	0.0870	0.00100	"	0.100	ND	87.0	80-120			
Ethylbenzene	0.0956	0.00100	"	0.100	ND	95.6	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200	ND	93.3	80-120			
Xylene (o)	0.0840	0.00100	"	0.100	ND	84.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0957*		"	*0.120*		*79.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.132*		"	*0.120*		*110*	*80-120*			
Matrix Spike Dup (P4L1302-MSD1)		**Source: 4L11016-08**		Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0911	0.00100	mg/L	0.100	ND	91.1	80-120	4.31	20	
Toluene	0.0848	0.00100	"	0.100	ND	84.8	80-120	2.60	20	
Ethylbenzene	0.0930	0.00100	"	0.100	ND	93.0	80-120	2.82	20	
Xylene (p/m)	0.181	0.00200	"	0.200	ND	90.7	80-120	2.82	20	
Xylene (o)	0.0813	0.00100	"	0.100	ND	81.3	80-120	3.30	20	
Surrogate: 4-Bromofluorobenzene	*0.0943*		"	*0.120*		*78.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		"	*0.120*		*109*	*80-120*			
Batch P4L1312 - * DEFAULT PREP *** **										
Blank (P4L1312-BLK1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.0896*		"	*0.120*		*74.6*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1312 - * DEFAULT PREP *** **										
LCS (P4L1312-BS1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.0971	0.00100	mg/L	0.100		97.1	80-120			
Toluene	0.0916	0.00100	"	0.100		91.6	80-120			
Ethylbenzene	0.0994	0.00100	"	0.100		99.4	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.0	80-120			
Xylene (o)	0.0883	0.00100	"	0.100		88.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0926*		*"*	*0.120*		*77.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.120*		*109*	*80-120*			
LCS Dup (P4L1312-BSD1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120	3.53	20	
Toluene	0.0960	0.00100	"	0.100		96.0	80-120	4.75	20	
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120	5.88	20	
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120	5.02	20	
Xylene (o)	0.0926	0.00100	"	0.100		92.6	80-120	4.73	20	
Surrogate: 4-Bromofluorobenzene	*0.0930*		*"*	*0.120*		*77.5*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.120*		*108*	*80-120*			
Calibration Blank (P4L1312-CCB1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.250		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.370		"							
Xylene (p/m)	0.390		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0909*		*"*	*0.120*		*75.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			
Calibration Blank (P4L1312-CCB2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.00		ug/l							
Toluene	0.00		"							
Ethylbenzene	0.160		"							
Xylene (p/m)	0.260		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.0894*		*"*	*0.120*		*74.5*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*80-120*			

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Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1312 - * DEFAULT PREP *** **										
Calibration Check (P4L1312-CCV1)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.107	0.00100	mg/L	0.100		107	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0928*		"	*0.120*		*77.3*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Calibration Check (P4L1312-CCV2)				Prepared: 12/13/24 Analyzed: 12/14/24						
Benzene	0.106	0.00100	mg/L	0.100		106	80-120			
Toluene	0.0986	0.00100	"	0.100		98.6	80-120			
Ethylbenzene	0.0962	0.00100	"	0.100		96.2	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0958	0.00100	"	0.100		95.8	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0929*		"	*0.120*		*77.4*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Calibration Check (P4L1312-CCV3)				Prepared: 12/13/24 Analyzed: 12/15/24						
Benzene	0.101	0.00100	mg/L	0.100		101	80-120			
Toluene	0.0948	0.00100	"	0.100		94.8	80-120			
Ethylbenzene	0.0938	0.00100	"	0.100		93.8	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0936	0.00100	"	0.100		93.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0920*		"	*0.120*		*76.7*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.120*		*108*	*80-120*			
Matrix Spike (P4L1312-MS1)		**Source: 4L12007-02**		Prepared: 12/13/24 Analyzed: 12/15/24						
Benzene	0.332	0.00100	mg/L	0.100	0.304	28.7	80-120			QM-05
Toluene	0.0783	0.00100	"	0.100	0.00159	76.7	80-120			QM-05
Ethylbenzene	0.121	0.00100	"	0.100	0.0244	96.4	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200	0.0386	84.5	80-120			
Xylene (o)	0.0695	0.00100	"	0.100	ND	69.5	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.0915*		"	*0.120*		*76.2*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P4L1312 - * DEFAULT PREP *** **										
Matrix Spike Dup (P4L1312-MSD1)	**Source: 4L12007-02**			Prepared: 12/13/24 Analyzed: 12/15/24						
Benzene	0.309	0.00100	mg/L	0.100	0.304	4.99	80-120	141	20	QM-05
Toluene	0.0670	0.00100	"	0.100	0.00159	65.4	80-120	15.9	20	QM-05
Ethylbenzene	0.109	0.00100	"	0.100	0.0244	85.0	80-120	12.5	20	
Xylene (p/m)	0.184	0.00200	"	0.200	0.0386	72.8	80-120	14.8	20	QM-05
Xylene (o)	0.0591	0.00100	"	0.100	ND	59.1	80-120	16.3	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.0910*		*"*	*0.120*		*75.8*	*80-120*			*S-GC*
Surrogate: 1,4-Difluorobenzene	*0.125*		*"*	*0.120*		*104*	*80-120*			

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TRC Solutions- Midland, Texas	Project: 97-17
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Midland TX, 79705	Project Manager: Jonathan Repman

Notes and Definitions

SUB-13	Subcontract of analyte/analysis to ALS Houston.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
pH1	The Regulatory Holding time for pH is 15 minutes, Analysis should be done in the field.
NPBEL C(	Chain of Custody was not generated at PBELAB
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 1/3/2025

Brent Barron, Laboratory Director/Technical Director

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10 Desta Dr STE 150E	Project Number: TNM 97-17
Midland TX, 79705	Project Manager: Jonathan Repman

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Page 610 of 630

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

L: _____ CH: _____ W: _____

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701
Phone: 432-686-7235

Project Manager: Jon Repman
Company Name: TRC Companies
Company Address: 10 Desta Drive, Suite 410E
City/State/Zip: Midland, TX 79705
Telephone No: (432) 208-5219 **Fax No:**
Sampler Signature:

Project Name: Plains Marketing, L.P.
Project #: TNM 97-17
Project Loc: Lea County, New Mexico
PO #: SRS TNM 97-17
Report Format: ☐ Standard ☐ TRRP ☐ NPDES
e-mail: jrepman@trccompanies.com, Camille.Bryant@plains.com, Karolanne.Hudgens@plains.com

(lab use only)
ORDER #: 4L12007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: Total BTEX by 8260	PAH by 8270	TOC by 415.1	Dissolved Methane, Ethane, and Ethene by RSK-175	Total Dissolved Metals (Fe and Mn) by SW 6010B	Nitrate and Sulface by E300	COD by SM 5220	HOLD	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	MW 4			12-11-24	1607		5	X		X						GW	X	X								
2	RW 5				1636																					
3	MW 15				1703																					
4	RW 6				1729																					

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Manny	12-12-24	0825			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				12/12/24	8:43

Laboratory Comments:

Sample Containers Intact?	Y	N
Labels on container(s)	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: 3.1 °C Thermometor: NCF
Adjusted: °C Factor: 1.3

Received by OCD: 11/6/2025 3:21:04 PM

Released to Imaging: 11/10/2025 10:38:58 AM

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Phone: 432-686-7235
PBELAB_SUB_COC_V2

Project Manager: Brent Barron — **Project Name:** SUBCONTRACT

Company Name: PBEL — **Project #:**

Company Address: 1400 Rankin HWY — **Project Loc:**

City/State/Zip: Midland Texas 79701 — **PO #:**

Telephone No: 432-661-4184 — Fax No: — **Report Format:** X Standard ☐ TRRP ☐ NPDES

Sampler Signature: N/A — e-mail: brentbarron@pbelab.com

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 1 LITER UNPRESSERVED	125 ml. amber boston rounds	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8270C PAH LL	24 Hour Rush	STANDARD
	4L12007-01			12/11/2024	16:07	Y	2	X							X	W	X		X
	4L12007-02			12/11/2024	16:36	Y	2	X							X	W	X		X
	4L12007-03			12/11/2024	17:03	Y	2	X							X	W	X		X
	4L12007-04			12/11/2024	17:29	Y	2	X							X	W	X		X

Please add tressa@pbelab.com to woa's.

Relinquished by:	Date	Time	Received by:	Date	Time
Brent Barron	12/12/2024	17:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

December 30, 2024

Brent Barron
Permian Basin Environmental Lab, LP
10014 SCR 1213
Midland, TX 79706

Work Order: **HS24120847**

Laboratory Results for: **4L12007**

Dear Brent Barron,

ALS Environmental received 4 sample(s) on Dec 13, 2024 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Generated By: DAYNA.FISHER
Jessica Monfore
Project manager

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
Work Order: HS24120847

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS24120847-01	4L12007-01	Water		11-Dec-2024 16:07	13-Dec-2024 09:30	☐
HS24120847-02	4L12007-02	Water		11-Dec-2024 16:36	13-Dec-2024 09:30	☐
HS24120847-03	4L12007-03	Water		11-Dec-2024 17:03	13-Dec-2024 09:30	☐
HS24120847-04	4L12007-04	Water		11-Dec-2024 17:29	13-Dec-2024 09:30	☐

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP **CASE NARRATIVE**
Project: 4L12007
Work Order: HS24120847

GCMS Semivolatiles by Method SW8270

Batch ID: 221915

Sample ID: 4L12007-01 (HS24120847-01)

- One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.
- Surrogate recoveries were outside of the control limits due to matrix interference.

Sample ID: 4L12007-02 (HS24120847-02)

- One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.
- Surrogate recoveries were outside of the control limits due to matrix interference.

Sample ID: 4L12007-04 (HS24120847-04)

- One or more of the GCMS semi-volatile internal standards were recovered at <50%. The sample was reanalyzed with similar results indicating a sample matrix interference.

Sample ID: LCSD-221915

- The RPD between the LCS and LCSD was outside of the control limit.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
Sample ID: 4L12007-01
Collection Date: 11-Dec-2024 16:07

ANALYTICAL REPORT
WorkOrder:HS24120847
Lab ID:HS24120847-01
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 17-Dec-2024		Analyst: IT
1-Methylnaphthalene	**15.7**	n	**0.0833**	**ug/L**	1	26-Dec-2024 22:19
2-Methylnaphthalene	**4.54**		**0.0833**	**ug/L**	1	26-Dec-2024 22:19
Acenaphthene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Acenaphthylene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Benz(a)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Benzo(a)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Chrysene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Fluorene	**0.898**		**0.0833**	**ug/L**	1	26-Dec-2024 22:19
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Naphthalene	**16.1**		**0.0833**	**ug/L**	1	26-Dec-2024 22:19
Phenanthrene	**1.07**		**0.0833**	**ug/L**	1	26-Dec-2024 22:19
Pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:19
Surr: 2-Fluorobiphenyl	*35.5*	*S*	*40-125*	*%REC*	*1*	*26-Dec-2024 22:19*
Surr: 4-Terphenyl-d14	*65.1*		*40-135*	*%REC*	*1*	*26-Dec-2024 22:19*
Surr: Nitrobenzene-d5	*48.3*		*41-120*	*%REC*	*1*	*26-Dec-2024 22:19*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
Sample ID: 4L12007-02
Collection Date: 11-Dec-2024 16:36

ANALYTICAL REPORT
WorkOrder:HS24120847
Lab ID:HS24120847-02
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 17-Dec-2024		Analyst: IT
1-Methylnaphthalene	**29.6**	n	**0.0833**	**ug/L**	1	26-Dec-2024 22:38
2-Methylnaphthalene	**9.43**		**0.0833**	**ug/L**	1	26-Dec-2024 22:38
Acenaphthene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Acenaphthylene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Benz(a)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Benzo(a)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Chrysene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Fluorene	**2.72**		**0.0833**	**ug/L**	1	26-Dec-2024 22:38
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Naphthalene	**9.41**		**0.0833**	**ug/L**	1	26-Dec-2024 22:38
Phenanthrene	**5.83**		**0.0833**	**ug/L**	1	26-Dec-2024 22:38
Pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:38
Surr: 2-Fluorobiphenyl	*33.0*	*S*	*40-125*	*%REC*	*1*	*26-Dec-2024 22:38*
Surr: 4-Terphenyl-d14	*75.7*		*40-135*	*%REC*	*1*	*26-Dec-2024 22:38*
Surr: Nitrobenzene-d5	*92.4*		*41-120*	*%REC*	*1*	*26-Dec-2024 22:38*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
Sample ID: 4L12007-03
Collection Date: 11-Dec-2024 17:03

ANALYTICAL REPORT
WorkOrder:HS24120847
Lab ID:HS24120847-03
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 17-Dec-2024		Analyst: IT
1-Methylnaphthalene	**46.6**	n	**0.0833**	**ug/L**	1	19-Dec-2024 20:35
2-Methylnaphthalene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Acenaphthene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Acenaphthylene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Anthracene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Benz(a)anthracene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Benzo(a)pyrene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Chrysene	**5.67**		**0.0833**	**ug/L**	1	19-Dec-2024 20:35
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Fluoranthene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Fluorene	**11.1**		**0.0833**	**ug/L**	1	19-Dec-2024 20:35
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Naphthalene	**2.11**		**0.0833**	**ug/L**	1	19-Dec-2024 20:35
Phenanthrene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Pyrene	ND		0.0833	ug/L	1	19-Dec-2024 20:35
Surr: 2-Fluorobiphenyl	*68.5*		*40-125*	*%REC*	*1*	*19-Dec-2024 20:35*
Surr: 4-Terphenyl-d14	*75.0*		*40-135*	*%REC*	*1*	*19-Dec-2024 20:35*
Surr: Nitrobenzene-d5	*80.1*		*41-120*	*%REC*	*1*	*19-Dec-2024 20:35*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
Sample ID: 4L12007-04
Collection Date: 11-Dec-2024 17:29

ANALYTICAL REPORT
WorkOrder:HS24120847
Lab ID:HS24120847-04
Matrix:Water

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ULTRA LVI SEMIVOLATILES BY 8270D	**Method:SW8270**			Prep:SW3510 / 17-Dec-2024		Analyst: IT
1-Methylnaphthalene	**24.1**	n	**0.0833**	**ug/L**	1	26-Dec-2024 22:57
2-Methylnaphthalene	**1.05**		**0.0833**	**ug/L**	1	26-Dec-2024 22:57
Acenaphthene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Acenaphthylene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Benz(a)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Benzo(a)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Benzo(b)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Benzo(g,h,i)perylene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Benzo(k)fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Chrysene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Dibenz(a,h)anthracene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Fluoranthene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Fluorene	**1.64**		**0.0833**	**ug/L**	1	26-Dec-2024 22:57
Indeno(1,2,3-cd)pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Naphthalene	**4.72**		**0.0833**	**ug/L**	1	26-Dec-2024 22:57
Phenanthrene	**2.98**		**0.0833**	**ug/L**	1	26-Dec-2024 22:57
Pyrene	ND		0.0833	ug/L	1	26-Dec-2024 22:57
Surr: 2-Fluorobiphenyl	*45.5*		*40-125*	*%REC*	*1*	*26-Dec-2024 22:57*
Surr: 4-Terphenyl-d14	*72.5*		*40-135*	*%REC*	*1*	*26-Dec-2024 22:57*
Surr: Nitrobenzene-d5	*119*		*41-120*	*%REC*	*1*	*26-Dec-2024 22:57*

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US

Date: 30-Dec-24

Weight / Prep Log

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

Batch ID: 221915 **Start Date:** 17 Dec 2024 06:30 **End Date:** 17 Dec 2024 06:30
Method: SV AQ SEP FUNNEL ULTRA LVI **Prep Code:** 3510C_MIN_W

Sample ID	Container	Sample Wt/Vol	Final Volume	Prep Factor	
HS24120847-01		120	1 (mL)	0.008333	125 mL amber glass, Neat
HS24120847-02		120	1 (mL)	0.008333	125 mL amber glass, Neat
HS24120847-03		120	1 (mL)	0.008333	125 mL amber glass, Neat
HS24120847-04		120	1 (mL)	0.008333	125 mL amber glass, Neat

RIGHT SOLUTIONS | RIGHT PARTNER

Released to Imaging: 11/10/2025 10:38:58 AM

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 221915 (0)	**Test Name :** ULTRA LVI SEMIVOLATILES BY 8270D				**Matrix:** Water	
HS24120847-01	4L12007-01	11 Dec 2024 16:07		17 Dec 2024 06:30	26 Dec 2024 22:19	1
HS24120847-02	4L12007-02	11 Dec 2024 16:36		17 Dec 2024 06:30	26 Dec 2024 22:38	1
HS24120847-03	4L12007-03	11 Dec 2024 17:03		17 Dec 2024 06:30	19 Dec 2024 20:35	1
HS24120847-04	4L12007-04	11 Dec 2024 17:29		17 Dec 2024 06:30	26 Dec 2024 22:57	1

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

MBLK Sample ID: **MBLK-221915** Units: **ug/L** Analysis Date: **19-Dec-2024 17:21**
Client ID: Run ID: **SV-11_502954** SeqNo: **8603697** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual
1-Methylnaphthalene	ND	0.100							
2-Methylnaphthalene	ND	0.100							
Acenaphthene	ND	0.100							
Acenaphthylene	ND	0.100							
Anthracene	ND	0.100							
Benz(a)anthracene	ND	0.100							
Benzo(a)pyrene	ND	0.100							
Benzo(b)fluoranthene	ND	0.100							
Benzo(g,h,i)perylene	ND	0.100							
Benzo(k)fluoranthene	ND	0.100							
Chrysene	ND	0.100							
Dibenz(a,h)anthracene	ND	0.100							
Fluoranthene	ND	0.100							
Fluorene	ND	0.100							
Indeno(1,2,3-cd)pyrene	ND	0.100							
Naphthalene	ND	0.100							
Phenanthrene	ND	0.100							
Pyrene	ND	0.100							
Surr: 2-Fluorobiphenyl	*3.825*	*0*	*5*	*0*	*76.5*	*40 - 125*			
Surr: 4-Terphenyl-d14	*4.334*	*0*	*5*	*0*	*86.7*	*40 - 135*			
Surr: Nitrobenzene-d5	*3.493*	*0*	*5*	*0*	*69.9*	*41 - 120*			

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCS Sample ID: **LCS-221915** Units: **ug/L** Analysis Date: **26-Dec-2024 21:04**
Client ID: Run ID: **SV-11_503307** SeqNo: **8612336** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.341	0.100	5	0	66.8	45 - 120				
2-Methylnaphthalene	3.304	0.100	5	0	66.1	50 - 120				
Acenaphthene	3.383	0.100	5	0	67.7	47 - 145				
Acenaphthylene	3.091	0.100	5	0	61.8	47 - 120				
Anthracene	3.283	0.100	5	0	65.7	45 - 120				
Benz(a)anthracene	3.335	0.100	5	0	66.7	40 - 120				
Benzo(a)pyrene	3.507	0.100	5	0	70.1	42 - 127				
Benzo(b)fluoranthene	3.742	0.100	5	0	74.8	50 - 120				
Benzo(g,h,i)perylene	3.336	0.100	5	0	66.7	42 - 127				
Benzo(k)fluoranthene	3.426	0.100	5	0	68.5	50 - 120				
Chrysene	3.875	0.100	5	0	77.5	43 - 120				
Dibenz(a,h)anthracene	3.592	0.100	5	0	71.8	35 - 125				
Fluoranthene	3.453	0.100	5	0	69.1	45 - 125				
Fluorene	3.286	0.100	5	0	65.7	59 - 121				
Indeno(1,2,3-cd)pyrene	3.643	0.100	5	0	72.9	41 - 128				
Naphthalene	3.395	0.100	5	0	67.9	50 - 150				
Phenanthrene	3.586	0.100	5	0	71.7	54 - 120				
Pyrene	3.513	0.100	5	0	70.3	40 - 130				
Surr: 2-Fluorobiphenyl	*6.173*	*0*	*5*	*0*	*123*	*40 - 125*				
Surr: 4-Terphenyl-d14	*6.428*	*0*	*5*	*0*	*129*	*40 - 135*				
Surr: Nitrobenzene-d5	*5.22*	*0*	*5*	*0*	*104*	*41 - 120*				

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

QC BATCH REPORT

Batch ID: 221915 (0) **Instrument: SV-11** **Method: ULTRA LVI SEMIVOLATILES BY 8270D**

LCSD Sample ID: **LCSD-221915** Units: **ug/L** Analysis Date: **26-Dec-2024 21:23**
Client ID: Run ID: **SV-11_503307** SeqNo: **8612337** PrepDate: **17-Dec-2024** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1-Methylnaphthalene	3.519	0.100	5	0	70.4	45 - 125	3.341	5.18	20	
2-Methylnaphthalene	3.583	0.100	5	0	71.7	50 - 120	3.304	8.1	20	
Acenaphthene	3.849	0.100	5	0	77.0	47 - 145	3.383	12.9	20	
Acenaphthylene	3.499	0.100	5	0	70.0	47 - 120	3.091	12.4	20	
Anthracene	3.581	0.100	5	0	71.6	45 - 120	3.283	8.7	20	
Benz(a)anthracene	3.686	0.100	5	0	73.7	40 - 120	3.335	9.99	20	
Benzo(a)pyrene	3.601	0.100	5	0	72.0	42 - 127	3.507	2.65	20	
Benzo(b)fluoranthene	3.804	0.100	5	0	76.1	50 - 120	3.742	1.63	20	
Benzo(g,h,i)perylene	3.639	0.100	5	0	72.8	42 - 127	3.336	8.68	20	
Benzo(k)fluoranthene	3.507	0.100	5	0	70.1	50 - 120	3.426	2.34	20	
Chrysene	4.071	0.100	5	0	81.4	43 - 120	3.875	4.95	20	
Dibenz(a,h)anthracene	3.442	0.100	5	0	68.8	35 - 125	3.592	4.28	20	
Fluoranthene	3.694	0.100	5	0	73.9	45 - 125	3.453	6.74	20	
Fluorene	3.652	0.100	5	0	73.0	59 - 121	3.286	10.6	20	
Indeno(1,2,3-cd)pyrene	3.698	0.100	5	0	74.0	41 - 128	3.643	1.5	20	
Naphthalene	3.648	0.100	5	0	73.0	50 - 150	3.395	7.19	20	
Phenanthrene	3.935	0.100	5	0	78.7	54 - 120	3.586	9.29	20	
Pyrene	3.859	0.100	5	0	77.2	40 - 130	3.513	9.4	20	
Surr: 2-Fluorobiphenyl	*4.052*	*0*	*5*	*0*	*81.0*	*40 - 125*	*6.173*	*41.5*	*20*	R
Surr: 4-Terphenyl-d14	*4.275*	*0*	*5*	*0*	*85.5*	*40 - 135*	*6.428*	*40.2*	*20*	R
Surr: Nitrobenzene-d5	*3.669*	*0*	*5*	*0*	*73.4*	*41 - 120*	*5.22*	*34.9*	*20*	R

The following samples were analyzed in this batch: HS24120847-01 HS24120847-02 HS24120847-03 HS24120847-04

ALS Houston, US Date: 30-Dec-24

Client: Permian Basin Environmental Lab, LP
Project: 4L12007
WorkOrder: HS24120847

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
Arizona	AZ0793	27-May-2025
Arkansas	88-00356_2024	27-Mar-2025
California	2919; 2025	30-Apr-2025
Dept of Defense	L24-240	30-Apr-2026
Dept of Defense	L24-239	30-Apr-2026
Florida	E87611-38	30-Jun-2025
Illinois	2000322023-11	31-Jul-2025
Kansas	E-10352 2023-2024	31-Jul-2025
Kentucky	123043	30-Apr-2025
Louisiana	03087 2023-2024	30-Jun-2025
Maine	2024017	23-Jun-2026
Michigan	9971	30-Apr-2025
Nebraska	NE-OS-25-13	30-Apr-2025
New Jersey	TX008	30-Jun-2025
North Carolina	624 - 2024	31-Dec-2024
Pennsylvania	018	30-Jun-2025
Tennessee	04016	30-Apr-2025
Texas	T104704231 TX-C24-00130	30-Apr-2025
Utah	TX026932023-14	31-Jul-2025

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Houston, US Date: 30-Dec-24

Sample Receipt Checklist

Work Order ID: HS24120847 **Date/Time Received:** 13-Dec-2024 09:30

Client Name: Permian Basin Lab **Received by:** Jacob Coronado

Completed By:	/S/ Travis Appling	13-Dec-2024 19:41	**Reviewed by:**	/S/ salina zaid	19-Dec-2024 17:38
	eSignature	Date/Time		eSignature	Date/Time

Matrices: W Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	1 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.4UC/ 2.4C	IR34	
Cooler(s)/Kit(s):	Red		
Date/Time sample(s) sent to storage:	12/13/2024 19:43		
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

Released to Imaging: 11/10/2025 10:38:58 AM
Received by OCD: 11/6/2025 3:21:04 PM

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

HS24120847

Permian Basin Environmental Lab, LP
4L12007

Permian Basin Environmental Lab, LP
1400 Rankin HWY
Midland, Texas 79701

Project Manager: Brent Barron
Company Name: PBEL
Company Address: 1400 Rankin HWY
City/State/Zip: Midland Texas 79701
Telephone No: 432-661-4184 Fax No:
Sampler Signature: N/A e-mail: brentbarron@pbelab.com

Project #:
Project Loc:
PO #:
Report Format: X Standard ☐ TRRP ☐ NPDES

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: ICE	HNO_3 250 poly 1	HCl 3 40mL VOA	H_2SO_4 1 AMBER 500/250POLY	NaOH /Ascorbic Acid 250ML P	$Na_2S_2O_3$	NONE 1 LITER UNPRESERVED	125 ml. amber boston rounds	Matrix: DW-Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non Potable Specify Other	Analyze For: 8270C PAH LL	24 Hour Rush	STANDARD
	4L12007-01			12/11/2024	16:07	Y	2	X							X	W	X		X
	4L12007-02			12/11/2024	16:36	Y	2	X							X	W	X		X
	4L12007-03			12/11/2024	17:03	Y	2	X							X	W	X		X
	4L12007-04			12/11/2024	17:29	Y	2	X							X	W	X		X

Please add tressa@pbelab.com to woa's.

Relinquished by: Brent Barron	12/12/2024	17:00	Received by:	Date 10/13/24	Time 0930
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

RIGHT SOLUTIONS | RIGHT PARTNER

APPENDIX B:

Release Notification and Corrective Action (C-141)

Received by OCD: 11/6/2025 3:21:04 PM

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action
OPERATOR
☒ Initial Report ☐ Final Report

Name	Contact
Texas-New Mexico Pipe Line Company	Edwin H. Gripp
Address	**Telephone No.**
Box 60028, San Angelo, TX 76906	(915) 947-9000
Facility Name	**Facility Type**
Vacuum Jct. to Jal Main Line	pipe line

Surface Owner	Mineral Owner	Lease No.
Millard Deck		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	21	20S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour crude	170 barrels	160 barrels
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery** CST
8" pipeline on scraper trap bypass	Unknown	8-13-97 3:00PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?**	
	Debbie Wardlaw	
By Whom?	**Date and Hour**	
Johnny W. Chapman	8-13-97 4:45 pm CST	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.**	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
External Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*
Approximately 360 sq. ft. scraper trap area.
Contaminated soil was removed

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*
Clear 90°

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: E. B. Gripp

Printed Name: Edwin H. Gripp
Title: District Manager
Date: 8-14-97 Phone: 915-947-9001

OIL CONSERVATION DIVISION
Approved by District Supervisor:
Approval Date: Expiration Date:
Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

IAS

Released to Imaging: 11/10/2025 10:38:58 AM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
PLAINS MARKETING L.P. 333 Clay Street Suite 1900 Houston, TX 77002	34053
	Action Number: 524097
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
shanna.smith	Pursuant to 19.15.30 NMAC, update Stage 2 Abatement Plan Dated December 1999. Plan will be submitted as a report by January 16, 2026, that meets all the requirements of19.15.30.13 NMAC.	11/10/2025
shanna.smith	Continue monthly gauging and manual product recovery.	11/10/2025
shanna.smith	2025 Annual Groundwater Monitoring Report will be submitted by April 1, 2026.	11/10/2025
shanna.smith	Continue quarterly monitoring and sampling events followed by a quarterly report depicting all activities, accordingly.	11/10/2025
shanna.smith	Continue Annual PAH analysis on monitor wells MW-4, MW-6, MW-7, MW-8, MW-14, MW-15 MW-19, and recovery wells RW-3 through RW-6.	11/10/2025